

GRADES 9-12

**COURSE
PLANNING
GUIDE** 2024
2025





Broken Arrow Public Schools 2024-2025

Board of Education

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701 S. Main Street
Broken Arrow, Oklahoma 74012
918-259-5700
www.baschools.org

Broken Arrow High School

Grades 10-12
1901 East Albany, Broken Arrow, OK 74012, 918-259-4700
Principal: Crystal Barber

Broken Arrow Options Academy

Grades 9-12
412 S. 9th Street, Broken Arrow, OK 74012, 918-259-4600
Principal: Shannon Turner

Mentoring Healthy Parents

Comprehensive Program for Pregnant and Parenting Students
412 S. 9th Street, Broken Arrow, OK 74012, 918- 259-4600
Contact: Shannon Turner

Early College High School

Grades 9-12
3100 New Orleans St, Broken Arrow, OK 74012 918-449-6184
Principal: Julie Sunderland

Vanguard Academy

Grades 9-12
3000 E. Albany, Broken Arrow, OK 74012
Principal: Stacy Replogle

Freshman Academy

Grade 9
301 West New Orleans, Broken Arrow, OK 74011, 918-259-4330
Principal: Andy Rice

Broken Arrow Virtual Academy - Online Education

808 E. College, Broken Arrow, OK 74012, 918-505-5270
Director: Brandon Chitty/**Principal:** Marci White

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TABLE OF CONTENTS

Graduation Requirements	3
Freshman Academy Courses	8-12
Freshman Academy Electives	13-16
BA High School Courses	18-39
BA High School Electives	40-52
Tulsa Technology Center	53-54
Dual Credit College Courses	55-56
Early College High School	57
Vanguard Academy	58
Broken Arrow Academies	59
Campus Map	60

GRADUATION REQUIREMENTS 2025

Broken Arrow BAHS is a four-year high school. The first year is taught at the Freshman Academy and the last three years are taught at the High School. The following regulations apply to all BAHS students:

1. Twenty-three (23) units or forty-six (46) credits are required for graduation.
2. A unit is composed of two semesters of work. A credit is one semester of work.
3. Students may apply for early graduation upon completion of 23 units or 46 credits. Students completing requirements for early graduation may participate in graduation activities. More information may be obtained through the school counseling office.
4. Guidelines regarding performance and activity course limits have been established.
5. A maximum of 8 credits may be applied toward graduation from any of the following activity credits or combination of activities:
 - » Athletics
 - » Tiger Pride (Marching band)
 - » Cheerleading
 - » Physical Education
 - » Tigettes
6. Students needing more than 2 credits will not be permitted to participate in graduation exercises. At least 4 credits of the last 6 credits completed for graduation shall be completed in attendance at BAHS to receive a diploma from Broken Arrow High School.
7. Credits of work earned by a student at an approved vocational-technical school in Oklahoma shall be counted toward meeting local and state requirements for graduation for elective credit and for core credit where applicable by policy and approved by the principal.
8. The local Board of Education has the authority to set local requirements for graduation above those of the State Board of Education.

BAHS Core Graduation Requirements

Parent signature required for students to opt out of State recommended College Preparatory/Work Ready Curriculum Requirements

English 4 units	U.S. History 1 unit
Math 3 units (Algebra 1 or higher)	Other History Core Courses 1 unit
Science 3 units (Biology and a physical science are required. A physical science credit is any chemistry, physics, or physical science course)	Foreign Language OR Computer Technology / 2 units
U.S. Government .5 unit	Electives 7 units
Oklahoma History .5 unit	Fine Arts/Speech & Communications 1 unit
Subtotal / 23 units	

Graduation checklist can be found at <https://sde.ok.gov>

College Preparatory / Work Ready Curriculum Requirements

English 4 units	Additional Core 1 unit core subjects
Math 3 units	Electives 7 units
Science 3 units	Fine Arts/Speech & Communications 1 unit
History 3 units	
Foreign Language OR Computer Technology 2 units	
Total / 23 units	

Oklahoma's Promise Core Curriculum

English 4 units	Additional Core 1 unit from above
Math 4 units	Fine Arts or Speech 1 unit
Laboratory Science 3 units	*2 units of the same foreign/non-English language OR 2 units (4 semesters) of computer technology.
History and Citizenship 3 units	Important Note: 1 unit of foreign-non-English language and 1 unit of computer technology will not meet this requirement.
Foreign Language OR Computer Technology 2 units*	

Additional Graduation Requirements

Each student is required to complete the process of an Individual Career Academic Plan (ICAP) in order to graduate from public high school.

Naturalization Test - This graduation requirement is obtained when a student passes the Naturalization Test with a 60% or higher. Documentation will be provided by the school.

ACT/SAT - given in April of Junior year and MUST be taken during school day testing.

State Science/US History Assessment - given through BAHS and MUST be taken during school day testing.

Personal Financial Literacy

This graduation requirement is obtained when a student has received instruction and awareness in Personal Financial Literacy. Documentation of completion will be provided by the school.

CPR/AED

This graduation requirement is obtained when a student has received instruction in pulmonary resuscitation and awareness of the purpose of an automated defibrillator. Documentation of completion will be provided by the school.

NCAA Academic Eligibility Requirements for Athletic College Scholarships

Students should check with the counseling office for Division I, II and III eligibility information. This index is available through the athletic office and/or the counseling office, from the NCAA guide, or at www.NCAA.org. Student athletes should register with the NCAA Eligibility center at the completion of their junior year.

Note: Courses that are NCAA approved are marked (N) in this course guide.

Pre-enrollment Process

The pre-enrollment process for the school year begins in January. Students will work with his/her advisory teacher and counselor to begin the pre-enrollment process. Parents/Students will meet either electronically or in person to submit their course requests. Counselors will analyze student transcripts and finalize requests.

Special Education Students

The IEP team is responsible for determining the course of study for special education students. If you would like to consider courses not currently addressed in your child's IEP, please contact the assigned special education file teacher to schedule an IEP team meeting to discuss options

Graduate with Distinction & Honor Graduate

The title of "Graduate with Distinction" will be awarded at the end of the seventh semester to seniors who meet these qualifications:

The cumulative weighted grade point average since ninth grade places them in the top 3% of the class. The student has taken a minimum of three semesters of Pre-AP or Honors courses since ninth grade and a minimum of two Pre-AP or AP courses per semester beginning in the tenth grade. The title of "Honor Graduate" will be awarded at the end of the seventh semester to those seniors whose cumulative weighted grade point average since ninth grade places them in the top 10% of the class. (It is not necessary to have taken two Pre-AP or AP courses per semester; however, most Honor Graduates have had these courses). The cumulative grade point average (GPA) begins with courses taken in the Ninth grade. Eight grade courses taken for high school credit are not to be computed in the GPA. For college admission, most universities use the unweighted 4.0 GPA. If a student receives an "F" for a course, he/she has the

option of enrolling in a credit recovery class. If the student passes the credit recovery class, the original grade of an "F" will be changed to "NC" on the transcript and will not average in to the cumulative GPA. If a student passes a course but wishes to retake the class in an effort to earn a higher grade, they may do so during summer school by paying the summer school fee. The new grade will replace the lower grade.

For purposes of determining class rank, the following weight systems will be used:

Course Type	Weight	A	B	C	D	F
AP Courses	2.0	6.0	5.0	4.0	1.0	0
Pre AP/ Concurrent	1.0	5.0	4.0	3.0	1.0	0
All others	0	4.0	3.0	2.0	1.0	0

College Core Requirements

Throughout this publication, you will observe the notation "c.c." at the end of course descriptions. This designation will identify courses that meet the basic college core requirements for students enrolling in a university. When selecting courses, you will want to formulate your educational plan based on your post high school choices. Students who are entering grades 11 and 12 and who are college bound will need to select courses that meet the 15 unit or 30 semesters of core credits needed for admission to colleges and universities in Oklahoma. Students are required to enroll in the college preparatory curriculum. Courses that do not meet college core requirements may meet high school graduation guidelines or may be considered for elective credit only. Your school guidance counselor is available to assist you with your educational plan and can help you determine and select the appropriate types of courses.

Online Courses

In addition to traditional courses, Broken Arrow BAHS also offers selected online courses for grades 9-12 through Broken Arrow Virtual Academy. Students who wish to enroll in an online course through Broken Arrow Virtual Academy must see a school counselor for enrollment information.

Proficiency Based Promotion

According to current Board Policy, Proficiency Based Promotion provides an opportunity for students to receive credit for core courses not previously taken. Assessment will be in core curriculum areas, i.e., social studies, language arts, languages, mathematics and science. All students in grades 9-12 are eligible for Proficiency Based Promotion if they perform at the 80% level on designated assessments. Tests are given in the fall and spring of each year. Applications must be in place prior to the testing dates. BAHS students demonstrating proficiency will be given credit if they demonstrate knowledge and will be given the opportunity to advance to the next level of study in the appropriate curriculum area. Students must progress through a curriculum area in a sequential manner.

These **courses do not meet OK Promise or NCAA requirements.**

Pre-AP and AP

Throughout this guide you will see the designations Pre-AP and AP. Pre-AP signifies Pre-Advanced Placement courses that begin as early as middle school in core curricular areas and continuing through high school course offerings. Pre-AP courses are challenging courses and offer high academic demands that help prepare a student for the AP course level. AP signifies Advanced Placement and will again

require high levels of student participation to respond appropriately to the rigor of the courses. AP courses are sponsored by the College Board and offer students instructional strategies from a nationally prescribed curriculum. At the end of an AP course, students are eligible to take an exam for possible college credit.

AP Courses offered at BAHS

AP CAPSTONE

- » AP Seminar
- » AP Research

ARTS

- » AP Art History
- » AP Music Theory
- » AP 2D Art & Design
- » AP 3D Art & Design
- » AP Drawing

ENGLISH

- » AP English Language & Composition
- » AP English Literature & Composition

HISTORY & SOCIAL SCIENCE

- » AP Human Geography
- » AP Comparative Government and Politics
- » AP European History
- » AP Macroeconomics
- » AP Microeconomics
- » AP Psychology
- » AP United States Government and Politics
- » AP United States History
- » AP World - Modern

AP Capstone Diploma

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

AP Scholar Awards

The College Board recognizes high school students who have demonstrated outstanding college-level achievement through their performance on AP Exams.

Award level	Criteria
AP Scholar	Granted to students who receive scores of 3 or higher on three or more AP Exams.
AP Scholar with Honor	Granted to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams.
AP Scholar with Distinction	Granted to students who receive an average score of at least 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

Dual Credit Enrollment

Dual Credit Enrollment permits qualified students to take courses for college credit while completing high school requirements for graduation. Attending college early allows students to take these courses, tuition free up to 12 credit hours for juniors and 18 credit hours for seniors, at any public college or university; however, there

is a cost for fees and books. These guidelines have been approved by the Broken Arrow Board of Education. Qualified students may take college credit courses during their junior and senior years. State guidelines limit the cumulative number of high school and college course hours. Students may be required to drop courses if their cumulative total of high school and college courses exceed 19 hours. Please contact your counselor to review dual credit courses.

Steps required to establish concurrent enrollment:

- » Meet with your high school counselor to discuss eligibility for dual credit enrollment.
- » Minimum SAT/ACT standards must be met.
- » Obtain written permission from your counselor and parent to schedule dual credit enrollment.
- » Enroll and pay fees at the college of your choice.
- » Bring proof of college enrollment at the college to your high school counselor for final approval of your dual credit schedule.
- » Final grades earned in a concurrent enrollment course will be placed on your high school transcript. You must submit an official college transcript to the counseling office. The courses will be figured in the GPA. Student must provide grade notification to high school.
- » Students must maintain a 2.0 college GPA to continue to take college classes.
- » Administration signature required for final approval.
- » Eligibility - Weekly grade check required.

A partnership with BAPS/TCC/NSU-BA

Another option for concurrent enrollment is a partnership between Tulsa Community College, NSU-BA and Broken Arrow Public Schools. The program allows juniors and seniors to enroll in college courses each semester at a significantly reduced rate. The cost also includes the loan of textbooks and transportation to and from NSU-BA from Broken Arrow High School.

In order to enroll in courses, students must take an ACT/SAT and meet minimum subtest scores listed in the course descriptions. Courses offered through this program should transfer to area universities and meet the general education requirements for most degrees, but students and parents are encouraged to refer to degree programs of interest to verify degree requirements. Not all courses offered at TCC are available through this program.

Students will attend classes at NSU-BA, but the classes are taught by TCC instructors and credit is granted by TCC. Please see the course descriptions to learn about college level courses that also earn high school credit. Students must be enrolled in at least one class at Broken Arrow BAHS in addition to their college level courses.

Dual Credit to College Degree 2 + 2: Students use all six semesters of dual credit eligibility beginning in the summer after 10th grade. Using dual credit, students have the opportunity to complete simultaneously, an Associate Degree and high school diploma. Students may transfer the Associate degree to a four-year university for completion of a Bachelor degree.

Dual Credit enrollment: Students may enroll in one or more TCC courses each of the six semesters of concurrent eligibility. Completion of just one course each semester is 18-20 earned college credit hours or approximately one college semester.

Online embedded courses: Student may take the college course online with a high school faculty in the room for a technology and tutoring support. TCC faculty teach and assess all college courses. The class will meet five days/week and will use the high school bell schedule. Students must have access to a computer and the internet.

See your high school counselor for the following: specific schedules each semester, class period, time, and to complete your semester enrollment forms.

Broken Arrow BAHS Scholarship Information

Scholarship information can be found on our school website at www.baschools.org/CollegeAndCareer.

This page provides the following:

- » College and Career Planning
- » Websites for Financial Aid and Scholarships
- » Oklahoma College Scholarship Opportunities
- » Monthly Newsletters
- » Upcoming College and Career Events
- » Free Application for Federal Student Aid (FAFSA) may be obtained at www.fafsa.gov.

College & Career Center

The College and Career Center assists students in preparing for their future goals by helping them define their personal, professional and educational objectives. Our purpose is to provide students and parents a resource to navigate the multitude of college and career opportunities at their disposal and to prepare our students to confidently take the next step after graduation.

Oklahoma's Promise - Oklahoma Higher Learning Access Program (OHLAP)

REQUIREMENTS AND QUALIFICATIONS

The Oklahoma Higher Learning Access Program (OHLAP) has been available since 1992 and was reauthorized with some modifications by HB 2728. This program provides resident tuition for courses needed to complete a degree or program within five years from the beginning of the award. The OHLAP program is administered by the Oklahoma State Regents for Higher Education at 405-524-9100, or contact the website at www.okpromise.org.

A summary of the eligibility requirements are listed below:

- » Must be an Oklahoma resident.
- » Must make a commitment to the OHLAP program as an 8th, 9th, 10th, or 11th grader.
- » Must complete a specified 17 unit (34 credits) core curriculum and achieve at least a 2.5 cumulative grade point average in the core curriculum. Students should talk with their counselor to be sure they are enrolled in 17 unit core curriculum required by OHLAP. These requirements include two years of a foreign language or technology and one year of fine arts.
- » Must graduate from high school with a 2.5 grade point average and begin the OHLAP program within 3 years of graduation from high school.
- » Must establish financial need.

- » Must be admitted and enrolled in an institution of higher education or postsecondary career-tech program.
- » Must not have a criminal record.

Schedule Correction Rules

Decisions regarding school staffing and the master schedule are made based on the course requests entered during the enrollment process. When completing their enrollment card, students should not only select their primary course choices but also four (4) semesters of alternate courses. If a student's primary course is not available, they will be placed in an alternate course. If a student does not select alternate courses, they will be selected for them. In the event that primary and alternate courses are not available, the school counselor will contact the student and allow them to select another course. Students will be allowed to make corrections to their schedules within the first ten (10) days of each semester.

Schedule corrections will only be made for the following reasons his page provides the following:

- » Scheduling error/Academically placed in wrong course
- » Adding a course required for graduation
- » Accepted in a Tulsa Technology, Service Learning or Athletic program
- » Adding concurrent enrollment class(es)
- » Removal of a course in which already received credit

FRESHMAN ACADEMY



FRESHMAN ACADEMY COURSES

Language Arts Core Courses

4045 English 9: Grammar/Composition/Literature:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 9

This course continues the study of improving reading and writing techniques. A review of the fundamental grammar skills is incorporated into the composition. Short stories, poetry, epic poetry, Shakespearean drama, and at least one novel are used. Effective paragraph writing and developing the research process are emphasized. Students gain familiarity with expository research techniques through writing documented multi-paragraph essays which include proper MLA formatted citations and a works cited page.

404590 Pre-AP English 9: Grammar/Composition/Literature:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: None

Grade: 9

This course is an in-depth study of writing, grammar, and the analysis of literature, with a focus on developing effective rhetorical writing strategies. Students gain familiarity with research techniques through writing documented essays which include proper MLA formatted citations and a works cited page, and increase their writing skills through expository analysis. In literature, the elements of fiction are emphasized and close reading strategies are applied to the study of stories, plays, poetry and novels. Students are prepared for the AP exams through timed prompt and passage-based writing exams.

Social Studies Core Courses

5615 Oklahoma History:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 9

This course traces the history of Oklahoma from the prehistoric settlement of Native Americans through the twentieth century with special emphasis on geography and its impact, political and economic events prior to statehood, the development of constitutional government, and the political, social, and economic factors which influenced Oklahoma's development.

5541 U.S. Government:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 9

An in-depth study of the U.S. Constitution and its philosophical and historical foundation, this course also examines the American political process. Students will analyze how governments make public policy and develop skill for informed participation in public affairs.

5790 AP Human Geography:

(2 Semester- Credit Value: 2)(GPA Weight +2.0) c.c., N

Prerequisite: None

Grade: 9

Students will analyze how language, religion, and landscape affect the physical environment. They will analyze how geography, weather, and location affect customs and lifestyles. Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will examine geographic perspectives on contemporary world problems such as population growth, globalization of the economy and human-environmental relations. In addition, students will utilize basic geography skills such as labeling maps, using atlases, and analyzing various graphs and tables. In May, students should plan to take the Advanced Placement exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May.

Mathematics Core Courses

4411 Algebra I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 9

This is the first of three math classes to meet college core requirement. In Algebra I students will learn to interpret and solve problems using algebraic terms and concepts. This course includes operations with rational numbers, linear equations and inequalities, polynomials, factoring, graphs of linear and quadratic functions, systems of equations, radical and rational expressions.

441190 PAP Algebra I:

(2 Semesters – Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: None

Grade: 9

This is the first of three math classes to meet college core requirements. In Pre-AP Algebra 1, students develop a deep understanding of linear relationships emphasizing patterns of change, multiple representations of functions and equations, modeling real world scenarios with functions, and methods for finding and representing solutions of equations and inequalities. This course includes linear functions and equations, systems of linear equations and inequalities, quadratic functions, and exponent properties and exponential functions.

4520 Geometry:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Algebra I

Grade: 9

This is the second of three classes to meet college core requirements. Students should have successfully completed both semesters of Algebra I. This class includes proofs, constructions, polygons, circles, coordinate geometry, solid geometry and a short introduction to trigonometric functions.

FRESHMAN ACADEMY COURSES

452090 Pre-AP Geometry:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Algebra I

Recommended: "B" or above in Algebra I

Grade: 9

Includes formal proofs and in-depth study of the properties, congruencies, similarities and area of polygons, circles, lines, coordinate and solid geometry, transformations, constructions and an introduction to the uses of trigonometric functions. This course is designed to promote higher level thinking skills required for advanced placement classes. Students are required to take the End of Instruction test for this course.

441290 Pre-AP Algebra II:

(2 Semesters - Credit Value 2) c.c., N (GPA Weight +1.0)

Prerequisite: Algebra I and Geometry

Recommended: Earning "B" or above in Algebra I & Geometry

Grade: 9

This course is designed for students who have a solid understanding of Algebra I concepts. Students will have an in-depth study of Algebra II concepts such as: simplifying, factoring, graphing and solving all polynomial functions, radical operations with rational exponents, rational expressions, series and sequences, and an introduction to trigonometric functions. Pre-AP Algebra II is designed to prepare students for success in AP and other challenging courses. Students are required to take an end of course summative exam. Graphing calculators are recommended as calculator skills will be taught and used extensively.

Science Core Courses

5031 Biology I:

(2 Semesters – Credit Value: 2) c.c., N

Prerequisite: None

Grade: 9

This is a laboratory science course which addresses the basic nature of life required by the Oklahoma Academic Standards. Students will explore the inner workings of the cell, the molecular basis of heredity, biological diversity, the interdependence of organisms, and organizations of living systems. This course is required for graduation and is a prerequisite for many other science courses.

503190 Pre-AP Biology I:

(2 Semesters – Credit Value: 2) c.c., N (GPA Weight + 1.0)

Prerequisite: None

Grade: 9

This laboratory science course addresses the same concepts as Biology I, but includes select standards identified by the College Board for Advanced Placement Biology

World Language Courses

3111 French I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Recommendation: C or better in English or teacher recommendation

Grade: 9

This course is an introduction to the fundamentals of French language and culture. Emphasis is placed on, listening, reading and writing and speaking in French.

3161 Spanish I:

(2 Semesters - Credit Value: 2) c.c., N,

Prerequisite: None

Recommendation: C or better in English or teacher recommendation

Grade: 9

This course is an introduction to the fundamentals of the Spanish language and culture. Emphasis is placed on listening, reading, writing and speaking in Spanish.

3169 Heritage Spanish I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Identification as a Spanish-speaking student

Grade: 9

This course is a Spanish language course for native speakers of Spanish. Students will develop and perfect communication skills in spoken and written Spanish. Students will work at individualized levels and earn the appropriate World Language graduation credit through the successful completion of this course.

3162 Spanish II:

(2 Semesters - Credit Value: 2) c.c., N,

Prerequisite: Spanish I

Recommendation: C or better in English or teacher recommendation

Grade: 9

This course is a continuation of Spanish I. Developing composition skills, conversations, selected readings and Spanish culture are the main components of Spanish II. Emphasis is placed on listening, reading, writing and speaking in Spanish.

3170 Heritage Spanish II:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Spanish I and identification as a Spanish-speaking student

Grade: 9

This course is a Spanish language course for native speakers of Spanish. Students will develop and perfect communication skills in spoken and written Spanish. Students will work at individualized levels and earn the appropriate World Language graduation credit

FRESHMAN ACADEMY COURSES

through the successful completion of this course. This course will build upon the content and skills acquired in Heritage Spanish I and will prepare students to move into Pre-AP or AP level Spanish courses for college credit.

3131 Latin I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Recommendation: C or better in English or teacher recommendation

Grade: 9

This course is an introduction to the fundamentals of the Latin language. Emphasis is placed on vocabulary, grammar and syntax of the language through reading stories. It includes the study of Roman history, customs, literature, mythology, art and architecture as well as their influence upon our own culture.

Computer Science Courses

8833 Robotics Engineering:

(2 Semesters - Credit Value: 2) c.c.

Prerequisite: None

Grade: 9

Students will learn to design, build, program and control robotic devices. A rigorous study and application of electrical concepts will include: sources of energy, electrical safety, use and identification of basic electronic components, sensors and actuators. Engineering concepts will include: mechanical design, prototype development, design testing, programming and proper engineer documentation.

2531 Computer Science 1 (CS1):

(2 Semester – Credit Value: 2) c.c.

Prerequisite: None

Grade: 9

PLTW CSE introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text-based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. The

course engages students in computational thinking practices and collaboration strategies, as well as industry-standard tools authentic to how computer science professionals work. Students will learn about professional opportunities in computer science and how computing can be an integral part of all careers today.

8709 Intro to Engineering Design:

(2 Semesters - Credit Value: 2) c.c.

Prerequisite: Application through TTC

Grade: 9, 10, 11, 12

Introduction to Engineering Design is a course that teaches students problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. This course is approved for Computer Science/Computer Technology credit and is Oklahoma Promise approved

Visual Arts Courses

280810 Foundations of Art:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9

This is an introductory course to the visual arts. The content covers a variety of concepts and drawing media, painting, and color theory, three-dimensional design, pottery, and techniques in perspective. This course is a pre-requisite course for any advanced art classes.

280890 Pre-AP Art I:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9

This course is available to students who have successfully passed a full year of comprehensive art during middle school or have teacher approval. The curriculum is concerned with basic techniques in drawing and design, color mechanics, painting, pottery, sculpture, and mixed-media. The student will prepare a portfolio in preparation for future advanced art classes and for contest participation.

FRESHMAN ACADEMY COURSES

Performing Arts Courses



4019 Drama I:

(2 Semesters - Credit Value: 2)

No Prerequisite

Grade: 9

This is a beginning course for acting techniques. Students will learn concepts of performing that include: memorization, projection, articulation, "presence," characterization choices, creating scenes, ensemble work & design.



401990 Advanced Drama I:

(2 Semesters - Credit Value: 2)

Prerequisite: By audition and with teacher approval

Grade Levels: 9

A Drama I curriculum is followed, but at a more accelerated pace and with an emphasis on production participation. Continued development of acting technique with regard to stage movement and characterization are pursued as well as elements of audition techniques, play analysis and play production. *Drama I students are expected to participate in play productions and other drama activities outside the regular school day.

300110 Concert Band:

300110 Concert Band II

(2 Semesters – Credit Value 2)

Grade Level: 9

Auditions will determine the band in which you are placed. Only students who have successfully completed three years of middle school band are eligible for this course.

300320 Symphonic Band:

300320 Symphonic Band II

(2 Semesters- Credit Value 2)

Grade Level: 9

Auditions will determine the band in which you are placed. Only students who have successfully completed three years of middle school band are eligible for this course.

300410 Wind Ensemble:

(2 Semesters- Credit Value 2)

Grade Level: 9

Auditions will determine the band in which you are placed. Only students who have successfully completed three years of middle school band are eligible for this course.

3004 Tiger Pride Marching Band:

(1 Semester - Credit Value: 1)

Prerequisite: Audition (recorded or live as needed)

Grade: 9

The Pride of Broken Arrow Marching Band is a state of the art, corps style marching ensemble. It explores the latest trends in pageantry marching band. This class meets outside the regular school day. Students will incur extra expenses for travel, etc.

302110 String Orchestra:

(2 Semesters – Credit Value: 2)

Grade Level: 9

Auditions will determine the orchestra in which you are placed. Only students who have successfully completed three years of middle school orchestra are eligible for this course.

302190 Concert Orchestra:

(2 semesters- Credit Value: 2)

Grade Level: 9

Auditions will determine the orchestra in which you are placed. Only students who have successfully completed three years of middle school orchestra are eligible for this course.

3034 Percussion

(1 Semester1 - Credit Value: 1)

Grade: 9

Auditions will determine the band in which you are placed. Only students who have successfully completed three years of middle school band are eligible for this course.

3071 Treble Choral Union:

(2 Semesters - Credit Value: 2)

Grade: 9

This class works toward performance of a wide variety of music including pop, holiday, patriotic, spiritual, and classical. Music theory and singing skills included. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day.

307110 Treble Choral Chamber Choir:

(2 Semesters – Credit Value: 2)

Prerequisite: Audition

Grade: 9

This course works toward performance of a wide variety of music including pop, holiday, patriotic, spiritual, and classical. Music theory and singing skills included. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day.

FRESHMAN ACADEMY COURSES

3072 Tenor/Bass Choral Union:

(2 Semesters - Credit Value: 2)

Grade: 9

This course works toward performance of a wide variety of music including pop, holiday, patriotic, spiritual, and classical. Music theory and singing skills included. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day.

307390 Mixed Chamber Choir:

(2 Semesters – Credit Value: 2)

Prerequisite: Audition and enrollment in a Tiger Momentum Show Choir

Grade: 9

The Mixed Chamber Choir is for the more advanced vocal student with strong signing skills. This group performs all genres of music – classical, folk, jazz, and pop with an emphasis on more difficult literature. Emphasis in this group is on performance, but without choreography, which will include several contests, concerts, and extra engagements during the year. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day. These outside activities will be a factor in determination of the grade.

308110 Tiger Momentum – Show Choir:

(2 Semesters - Credit Value: 2)

Prerequisite: Audition and Enrolled in Mixed Chamber Choir (This class will be scheduled M-F at 2:45 p.m.)

Grade: 9

Show Choir is for students with an exceptional voice and a flair for the dramatic. Membership in this class is based on singing ability and dance experience with an emphasis on vocal and dance productions. Each student will have the opportunity to learn correct singing techniques and combine these with creative movement. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day. These outside activities will be a factor in determination of the grade.

Speech & Communications

4015 Debate I (This course is on BAHS campus)

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9

Students learn the basics of argumentation, research, political philosophy, and persuasion in Lincoln Douglas Debate through classwork and interscholastic competition. This course satisfies the speech & communication graduation requirement.

422410 Debate Team (This course is on BAHS campus after school)

(2 Semesters - Credit Value: 2)

Prerequisite: Currently enrolled or completed Debate I

Grade: 9

Competitive Debate is a required class for students chosen to be on the speech and debate team and is offered as a 7th hour elective. Students from grades 9-12 may enroll in this class so long as they are enrolled in or have completed Debate 1. This class emphasizes “Public Forum” and traditional “Lincoln-Douglas” debate events as well as individual speaking events. From a competitive standpoint, this class is application and practice of concepts learned in Debate 1 and 2 with a goal of excelling in local and national competitive debate. This course satisfies the speech & communication graduation requirement.

Freshman Academy

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

Language Arts Electives

4301 Creative Writing:

(1 Semester - Credit Value: 1)

Prerequisite: None

Recommended: Minimum English grade of "C" or teacher recommendation

Grade: 9

This course is for students who enjoy writing and have interest in writing for a career. Emphasis is placed on self-expression and molding creativity into cohesive written work. Students will explore a variety of published pieces in different genres, and apply effective techniques in their own writing. The study of different genres allows students the opportunity to identify personal interests and strengths.

4250 Poetry:

(1 Semester- Credit Value: 1)

Prerequisite: None

Grade Level: 9

This course is designed to be both a study of major movements in the history of poetry as well as an introduction to writing poetry. Students will engage in analyzing poetry and will evaluate poetic techniques (imagery, metaphor, meter, etc.) in written responses. Students will produce an academic essay focused on a poet of their choosing. They will also create a poetry portfolio of their own work over the course of the semester. The course will implement many other fun and creative ways of engaging with poetry as a means of expression.

406330E English Language Development

(1 Semester - Credit Value: 1)

Prerequisite: ACCESS Test Score/Identification as EL student

Grade: 9

This course is designed for students who scored as LEP on the ACCESS for EL test. It is designed to assist EL students develop study skills and learning strategies to be successful in content classrooms. The students will refine research and writing skills. They will develop content vocabulary.

Social Studies Electives

5780 Native American Studies:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 9

This course will provide a historical and cultural overview about Native American tribes within the United States. The primary focus of this course will be about the origins, history, and cultures of various Native American nations. This course will also provide students with opportunities to examine contemporary issues within Native American communities.

5530 Human Geography:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 9

Students will analyze how language, religion, and landscape affect the physical environment. How geography, weather, and location affect customs and lifestyles. Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will examine geographic perspectives on contemporary world problems such as population growth, globalization of the economy, and human-environmental relations. In addition, students will utilize basic geography skills, such as labeling maps, using atlases, and analyzing various graphs and tables.

Computer Science/ Business Electives

These courses DO NOT count for the 1 – 2 year requirement for graduation.

255110 Chrome Desk:

(2 Semester - Credit Value: 2)

Prerequisite: Application

Grade: 9

Students will use critical thinking, troubleshooting, and customer service skills to assess problems and repair chrome devices. They will be defining the best approach to addressing or solving a problem. In addition to solving problems for their classmates and teachers, students will be required to complete several projects that address problems or solutions in educational technology integration.

Freshman Academy

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

2406 Business Law I:

(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 9

Business Law I is a one-semester course designed to present the basic principles of law. This class is designed to provide students with an understanding of their legal rights and responsibilities, knowledge of everyday legal problems and the ability to analyze, evaluate, and, in some situations, resolve legal disputes. This course introduces students to the sources of law and the goals of the legal system, focuses on criminal law and the criminal justice process and introduces students to torts, liability and some basic international law.

240690 Business Law II:

(1 Semester - Credit Value: 1)

Prerequisite: Successful completion of Business Law I

Grade: 9

Business Law II is a one-semester course designed to cover legal aspects of family law, contracts, constitutional rights and law in the workplace. This class is designed to provide students with a more in-depth understanding of their legal rights and responsibilities, knowledge of everyday legal problems and the ability to analyze, evaluate, and, in some situations, resolve legal disputes. Students must have taken Business Law I to enroll for Business Law II as this course involves and requires legal terms, concepts and background covered in the introductory course. This course covers the range of family law, from marriage to divorce, adoption, foster care, child custody and emancipation. It also goes into depth on the rights and limitations of our civil liberties found in the Bill of Rights. The course highlights contracts and contract law and wraps up with a discussion of business law.

Digital Media Electives

4112 Foundations of Digital Media & Design:

(2 Semesters - Credit Value: 2)

Prerequisite: Application from counselor

Grade: 9

Introduces students to the evolving world of design, video production, photography, advertising, journalism and the careers associated. Students will act as an in-house advertising and design agency creating social media content, advertising material, T-Shirts, the school yearbook, and a variety of other communications-based tasks along with creating content used for both internal and external communications at BAFA.

Leadership Electives

2760 Applied Leadership & Communications:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9

This class is designed for student aspiring leaders and students who are interested in improving and applying leadership skills and engagement in school activities. Goal setting, team building, and leadership theory are studied and put into practice through involvement in school activities and community projects. This course satisfies the speech & communications graduation requirement.

277583 Office Aide:

(1 or 2 Semesters - Credit Value: 1 or 2)

Prerequisite: Application required

Grade: 9

This course is an introduction to office procedures and concepts which focus on skills necessary for office workers at every level. Skills addressed include effective communication, telephone and business office etiquette, public relations, filing and copying procedures. Students will be assigned to a school office and will perform a variety of tasks including running errands. Written course work is required including a final exam.

277540 Peer Tutoring:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9

Students enrolling in this course have a unique opportunity to earn credits while helping special needs students on campus. Students will be responsible for role modeling appropriate social behaviors. Students will learn more about special needs students while participating with the students and completing assignments regarding the education of the exceptional child.

Physical Education Electives

332030 Physical Education/Team Sports:

332031 PE/Team Sports II 2nd Semester if you take PE/Team Sports I 1st Semester

(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 9

A well rounded area of fitness course covering many different types of physical activity, as well as contributing to the student's mental and social development. This course includes basketball, softball, soccer, volleyball and other sports. Students provide their own school approved athletic wear and athletic shoes.

Freshman Academy

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

332040 Weight-lifting: 332041 Weightlifting II:

2nd Semester if you take Weightlifting 1st Semester
(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 9

This course is designed to improve students physically in preparation for all sports or for self-improvement. The course includes technique and instruction in conditioning, strength training and powerlifting. Students provide their own school approved athletic wear and athletic shoes.

JROTC Electives



2720 US Air Force JROTC I & Communications:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9 (Course is held on the BAHS campus)

The curriculum focuses on three areas: Leadership Education, Aerospace History, and Physical Fitness. Students have the chance to be involved in many curricular activities including drill team, physical training team, dances, field trips and community service. Career-minded students will learn about jobs in the Air Force that will provide important opportunities for the future. High school students who complete the Aerospace Science Program I in AFJROTC may be able to enter the military at pay grades higher than most enlistees.

Athletic Courses

Athletic participation is available to boys and girls in a variety of sports. When enrolling in an athletic sport, the student will remain in that class for the duration of the semester. Athletics require a tryout for acceptance in the 6th hr. program. Acceptance in 6th hr. athletics will be based on coach's decisions regarding the student's performance.

- » 333082 Boys Golf
- » 333083 Girls Golf
- » 333011 Softball
- » 333050 Volleyball
- » 333070 JV Cheerleading
- » 333071 Cheerleading - Varsity
- » 333072 JV Tigettes
- » 333073 Varsity Tigettes
- » 333030 Football
- » 333040 Swimming
- » 333020 Boys Basketball
- » 333021 Girls Basketball
- » 333060 Boys Wrestling
- » 333061 Girls Wrestling
- » 333084 Boys Soccer
- » 333085 Girls Soccer
- » 333086 Boys Tennis
- » 333087 Girls Tennis
- » 333010 Baseball
- » 333090 Boys Track

- » 333091 Girls Track
- » 333081 Girls Cross Country
- » 333080 Boys Cross Country

For further details of specific sports, contact the athletic department: Dr. Dustin Smith, Executive Athletic Director, Athletic Office: 918-259-5900

Career Tech Courses/ General Electives

Career Pathways act as a personal GPS system for individuals to find their way to gainful employment and a successful career. Completing a career pathway will provide a student with the knowledge and experience to be able to secure a job or pursue higher education within that pathway with greater success.

8415 FACS Basics: (Family and Consumer Science)

(This is the entry level course for all career pathways) (2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9

FACS curriculum provides students with the basic information and skills needed to function within the family and an ever changing, complex society. Students develop competencies in the areas of nutrition and wellness, food science, safety and sanitation, housing and interior design, early childhood, textiles, interpersonal relationships and career exploration. The student will gain basic life skills that promote a positive influence upon the quality of their life. Leadership opportunities are offered through the student organization, Family Career and Community Leaders of America (FCCLA) where students are highly encouraged to join and participate.



8004 Introduction to Agri-science (Animal Sciences) (Course is held on the Vanguard campus):

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9

Agri-science I is designed to introduce students to the broad scope of agriculture and agricultural related industries. In addition, the Ag curriculum provides students with the necessary skills, information and opportunities to experience a variety of occupational and educational clusters and to understand and apply basic concepts in animal science, plant science, recordkeeping, public speaking and leadership. Students will also have the opportunity to participate and compete in FFA activities. Agricultural Education and FFA Organization are interrelated. Many facets of classroom curriculum cannot be achieved without FFA membership; therefore, FFA Membership is highly recommended. To be an active member, the student will need to participate in a fundraiser.



TRANSPORTATION PROVIDED

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

Industrial Arts/ Technology Education



**3541 – Construction I:
(Course to begin in 24-25 school year)**

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 9

An introduction to the commercial and residential construction industry and the associated trades. Students will explore opportunities in the field of construction through a blended learning approach including hands-on experiences, field trips, presentations by industry professionals, and classroom work. You will learn the fundamentals of building design, construction trends, materials of the industry, and the various systems employing these materials to build structures. A broad range of construction careers will be explored.



HIGH SCHOOL



BROKEN ARROW HIGH SCHOOL COURSES

Language Arts Core Courses

4048 English 10: Grammar/Composition/Literature:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 10

This course emphasizes the continued development of writing skills in multi-paragraph expository, narrative, reflective, and argumentative essays. A review of the fundamental grammar skills is incorporated into all compositions. Rhetorical and literary elements and techniques are studied through various genres of literature. Students continue to develop their expository research techniques through writing documented essays which include proper MLA formatted citations and works cited page.

4048E English 10: For Newcomer EL:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Identification of EL

Grade: 10

This English course is designed for students who have scored below a 2.5 on the ACCESS for ELs test. These students have limited English language skills and minimal literacy and study skills in English. It is an intensive language program emphasizing listening, speaking and literacy skills. This course is aligned with Oklahoma Academic Standards for Language Arts and the WIDA English Language Proficiency Standards.

404890 Pre-AP English 10: Grammar/Composition/Literature:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Grade: 10

Students will apply close observation and critical to a new array of complex novels, non-fiction, short stories, and poetry using AP strategies. The class requires students to demonstrate self-motivation as well as critical-thinking. Students will read and analyze rigorous material and write focused literary and rhetorical analysis responses analyzing how authors manipulate language to influence the thoughts, emotions, and actions of readers and listeners. Independent reading is required almost nightly. Vocabulary development will focus on SAT words and AP terminology, and MLA formatted research projects and papers will be part of the required assignments. Since this is a pre-college level class, some works may contain content and/or language considered objectionable by some individuals. The course will prepare students for the transition into AP course work offered on the eleventh and twelfth grade levels.

4051 English 11:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 11

This course furthers the study of standard writing conventions, organized composition, and literature through progressively complex works of fiction and nonfiction including recurrent themes in American literature while examining the foundational works of American political philosophy behind those themes. Students write the required types of compositions for this level: a basic five-paragraph essay, a rhetorical analysis, a literary analysis, and a persuasive research paper. As students conduct close-readings and discussions, they will increase their ability to use textual evidence to prove an argument. This course prepares students for success on the national ACT, PSAT, and SAT exams. English 11 is designed to prepare students for college and other post- secondary options.

4051E: English 11 for Newcomer EL:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Identification of EL

Grade: 11

This English course is designed for students who have scored below a 2.5 on the ACCESS for ELs test. These students have limited English language skills and minimal literacy and study skills in English. It is an intensive language program emphasizing listening, speaking and literacy skills. This course is aligned with Oklahoma Academic Standards for Language Arts and the WIDA English Language Proficiency Standards.

4057 AP English Language & Composition:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Grade: 11

The AP Language and Composition course is the equivalent in rigor to a college course in rhetoric and composition. The course focuses on the intensive analysis of nonfiction prose in the form of essays, speeches, autobiography, biography and periodical articles. This focus on nonfiction requires students to recognize rhetorical, stylistic and literary devices and strategies that can enhance their own writing. AP Language and Composition also explores the structure of logic and argument. Students read and write argumentative/persuasive papers including a documented argumentative essay. This course devotes special attention to preparing students for the AP Language and Composition examination, which tests students' reading and writing abilities by asking them to recognize and analyze how an author shapes a piece of writing to serve the overall purpose or theme. In May, students should plan to take the Advanced Placement Language and Composition exam for possible college credit. (Colleges determine credits earned.) A fee is charged to take the AP exam.

BROKEN ARROW HIGH SCHOOL COURSES

4054 English 12:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 12

This course is a year-long course designed to prepare seniors for the rigor and depth of college-level reading, writing, research, and oral communication requirements. Students synthesize and refine the skills which have been developed in previous English classes: reading expansively to make connections across texts, evaluating author's biases and purposes, and analyzing works of historical and literary significance to determine their themes, purposes, and rhetorical features. Students write for a variety of purposes in preparation for college, including personal narrative essay, informative essay, documented research, and argumentative research. They continue to build writing skills through the process of draft writing, grammar review, and vocabulary improvement. The course provides challenging reading of many genres - both fiction and nonfiction - focusing on but not limited to British Literature. In classroom discussions, students confront conflicting points of view and learn to become more articulate speakers and more evaluative listeners.

405420 English 12 Transition Comp I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: English 11

Grade: 12

This course is for students who want to take TCC Freshman Composition I in the spring but may not quite be ready for it or may want a little more preparation for that course. This course will be completely aligned with Tulsa Community College's Comp I course for the fall semester. In the spring, the Comp I students will remain with the Transitional teacher for additional support with the online curriculum. Students who fail to improve their SAT or ACT score enough to take Comp I in the spring will continue into regular English IV.

4054E: English 12 for Newcomer EL:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Identification of EL

Grade: 12

This English course is designed for students who have scored below a 2.5 on the ACCESS for ELs test. These students have limited English language skills and minimal literacy and study skills in English. It is an intensive language program emphasizing listening, speaking and literacy skills. This course is aligned with Oklahoma Academic Standards for Language Arts and the WIDA English Language Proficiency Standards.

4010 AP English Literature & Composition (12):

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Grade: 12

The literature portion of this course focuses on reading, analyzing, and writing about different genres of literature from various periods. For the composition portion of this course, students write expository, analytical and argumentative essays in which they analyze how a

work's structure, style, theme, figurative language, imagery, and symbolism provide both meaning and pleasure. Students will also expand their familiarity with research techniques by developing an MLA documented research paper. In May, students should plan to take the Advanced Placement Literature and Composition exam for possible college credit. (Colleges determine credits earned.) A fee is charged to take the AP exam.

5561 AP Research:

(2 Semesters, Credit Value:2)(GPA Weight +2.0)

Prerequisite: AP Seminar

Grade:12

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. This course will count as an English IV course if the student has completed AP Seminar with a passing grade.



ENGL 1113 Composition I: (BA@NSU Campus)

(1 Semester – HS Credit Value: 2 for English 11 or 12) c.c., N (GPA Weight +1.0)

Prerequisite: See ECHS Dual Enrollment chart for ACT/SAT minimum scoring.

Grade: 11 and 12

The first in a sequence of two courses and introduces students to academic writing, basic research and documentation.

Prerequisite: ENGL 0933 with a grade of "C" or better, or appropriate placement score.



ENGL 1213 Composition II: (BA@NSU Campus)

(1 Semester – HS Credit Value: 2 for English 12) c.c., N (GPA Weight +1.0)

Prerequisite: 3+ score on AP Language test or See ECHS Dual Enrollment chart for ACT/SAT minimum scoring.

Grade: 12

The second in a sequence of two courses. Furthers analytical reading skills, academic writing and techniques of research and documentation. **Prerequisite:** ENGL 1113 with a grade of "C" or better.



TRANSPORTATION PROVIDED

BROKEN ARROW HIGH SCHOOL COURSES

Social Studies Core Courses

5541 U.S. Government:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

An in-depth study of the U.S. Constitution and its philosophical and historical foundation, this course also examines the American political process. Students will analyze how governments make public policy and develop skill for informed participation in public affairs.

5541E US Government for EL:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: Identification as EL student

Grade: 10, 11, and 12

An in-depth study of the U.S. Constitution and its philosophical and historical foundation, this course also examines the American political process. Students will analyze how governments make public policy and develop skill for informed participation in public affairs. Course will be taught in English with consideration of specialized needs of English language learning students in the development of geographical, research, and writing skills through the study of historical periods.

5790 AP Human Geography:

(2 Semesters - Credit Value: 2) (GPA Weight +2.0) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

Students will analyze how language, religion, and landscape affect the physical environment. They will analyze how geography, weather, and location affect customs and lifestyles. Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will examine geographic perspectives on contemporary world problems such as population growth, globalization of the economy and human-environmental relations. In addition, students will utilize basic geography skills such as labeling maps, using atlases, and analyzing various graphs and tables. In May, students should plan to take the Advanced Placement exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May.

5410 U.S. History:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 11 and 12

This course traces the history of the United States from the causes, events, and effects of the Civil War and reconstruction through the domestic and foreign issues facing America today. Students will develop geographical, research, and writing skills through the study of historical periods.

5410E U.S. History for EL:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Identification as EL student

Grade Level: 11 and 12

This course traces the history of the United States from the Civil War and reconstruction through the domestic and foreign issues facing America today. Course will be taught in English with consideration of specialized needs of English language learning students in the development of geographical, research, and writing skills through the study of historical periods.

5415 AP United States History:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: None

Recommended: Minimum of a "B" in previous Social Studies course

Grade: 11 and 12

This course is an intense study of United States history from exploration to the present. Curriculum consists of individual study with rigorous classroom instruction. In May, students should plan to take the Advanced Placement exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May.

5546 AP United States Government & Politics:

(2 semesters- Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: AP US History or teacher approval

Grade: 11 and 12

The Advanced Placement program in US Government is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the government and policies of the US. The core content will focus on the following topics: The Constitution, Political Beliefs and Behaviors, Political Parties, Interest Groups and Mass media, 3 Branches of Government, Public Policy, and Civil Rights and Civil Liberties. Other skills that will be utilized in this course will be reading comprehension, critical thinking, and writing skills needed to pass the AP US Government test given in the spring. In May, students should plan to take the Advanced Placement exam for possible college credit. (Colleges determine credits earned.) A fee is charged to take the AP exam

BROKEN ARROW HIGH SCHOOL COURSES

5526 AP Micro Economics/5525 AP Macro Economics:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: None

Recommended: Passed or currently enrolled in Algebra II

Grade: 11 and 12

Microeconomics places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Macroeconomics places emphasis on the study of national income, price levels, fiscal and monetary policy and international trade. In May, students should plan to take the AP Microeconomics and/or the AP Macroeconomics exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam.

5645 AP Psychology:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: None

Grade: 11 and 12

AP Psychology is designed to be equivalent to a college introductory psychology course. Topics are covered in-depth and include motivation, development, mental illness, personality and many more. Students should be prepared for a rigorous, interactive learning environment. In May, students should plan to take the AP Psychology exam for possible college credit. (Colleges determine credit earned.) A fee is charged to take the AP exam in May.

5615 Oklahoma History:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

This course traces the history of Oklahoma from the prehistoric settlement of Native Americans through the twentieth century with special emphasis on geography and its impact, political and economic events prior to statehood, the development of constitutional government, and the political, social, and economic factors which influenced Oklahoma's development.

5615E Oklahoma History for EL:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: Identification as EL student

Grade: 10, 11, and 12

This course traces the history of Oklahoma from the prehistoric settlement of Native Americans through the twentieth century with special emphasis on geography and its impact, political and economic events prior to statehood, the development of constitutional government, and the political, social, and economic factors which influenced Oklahoma's development. Course will be taught in English with consideration of specialized needs of English language learning students in the development of geographical, research, and writing skills through the study of historical periods.

5420 World History: Early:

(1 Semester- Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

This course is a study of world civilization from prehistory through the end of the political revolutions (American, French, & Latin American). Students will understand the impact of geography on civilizations, identify the major political and economic systems of the world and examine the events, movements, ideologies, science, technology, and artistic culture which have shaped the development of major world societies.

5420E World History: Early for EL:

(1 Semester- Credit Value: 1) c.c., N

Prerequisite: Identification as EL student

Grade: 10, 11, and 12

This course is a study of world civilization from prehistory thru the end of the political revolutions (American, French, & Latin American). Students will understand the impact of geography on civilizations, identify the major political and economic systems of the world and examine the events, movements, ideologies, science, technology, and artistic culture which have shaped the development of major world societies. Course will be taught in English with consideration of specialized needs of English language learning students in the development of geographical, research, and writing skills through the study of historical periods.

5610 World History: Modern:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

This course surveys world history from the Industrial Revolution to the present day. The course will track the formation of the "modern" world through a study of changes in political situations, culture, and society. The course will examine topics such as changes in science and technology, culture and religion, the expansion and decline of empires, the growth of nationalism, and the continuing rise of globalization. The class will emphasize the role of changing definitions and roles of race, social class, and gender in shaping historical events.

5610E World History: Modern for EL:

(1 Semester - Credit Value: 1) c.c., N **Prerequisite:**

Identification as EL student **Grade:** 10, 11, and 12

This course surveys world history from the Industrial Revolution to the present day. The course will track the formation of the "modern" world through a study of changes in political situations, culture, and society. The course will examine topics such as changes in science and technology, culture and religion, the expansion and decline of empires, the growth of nationalism, and the continuing rise of globalization. The class will emphasize the role of changing definitions and roles of race, social class, and gender in shaping historical events. Course will be taught in English with consideration of specialized needs of English language learning students in the development of geographical, research, and writing skills through the study of historical periods.

BROKEN ARROW HIGH SCHOOL COURSES

5530 Human Geography:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

Students will analyze how language, religion, and landscape affect the physical environment. How geography, weather, and location affect customs and lifestyles. Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will examine geographic perspectives on contemporary world problems such as population growth, globalization of the economy, and human-environmental relations

578910 History of War:

(2 Semesters- Credit Value: 2) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

Students will examine the role of warfare from the beginnings of history through the present day, shaping human development, with a brief examination of the future of conflict. The student will examine interwoven themes of technology, ideology, and authority, religion, geography, economics and resources as they affect and are affected by conflict in various epochs in history. There will be considerable on-line content requiring students to access some lesson content on-line inside and outside of class hours. The course is a world history course with a focus on conflict, and counts for World History credit. NOTE: As this course has conflict and war as a core concept, students and parents should be aware that there will be strong content for the course that may not be suitable for sensitive students. A discussion with counselors and/or instructors is highly encouraged prior to enrolling in History of War.

5736 AP World: Modern History:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: None

Grade: 10, 11, and 12

AP World is designed to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This is advanced through a combination of selective factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their causes and consequences, as well as comparisons among major societies. Writing through the use of historical thinking skills and document analysis will be emphasized. In May, students should plan to take the Advanced Placement exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May.

5788 European History:

(1 semester- Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

This course will trace the historical and cultural foundations of Western Civilization from 1450 to the present. Students will explore the events, ideas, innovations, historical figures and major trends that have shaped the modern world. Students will be engaged in various critical thinking activities that will provide for a better understanding of our historical roots as well as the issues and dilemmas that face us as contemporary citizens.

5735 AP European History:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: None

Grade: 10, 11, and 12

This course includes a survey of European History with an emphasis on the political, cultural, and economic history of Europe from 1450 to the present. The goals include research, analysis, and synthesis based on required readings to develop (a) an understanding of some of the principal themes in modern European history, (b) an ability to analyze historical evidence, and (c) an ability to express that understanding and analysis in writing. In May, students should plan to take the Advanced Placement exam for possible college credit. (Colleges determine credits earned.) A fee is charged to take the AP exam.

5791 Asian History:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

The goal of East Asia History is to give a basic understanding of modern Asia. The five social studies categories of government, economics, geography, history, and sociology are used to study each region of Asia. The focus of study is the nations of the Pacific Rim.

5521 Economics:

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 1

This course is an introduction to the study of Micro and Macro Economics with the primary emphasis on microeconomics or how individuals and firms make economic decisions. In addition to learning practical applications of the American business system, the students learn the economic way of thinking and how to develop and better use their deductive reasoning which will assist them for the rest of their lives.

BROKEN ARROW HIGH SCHOOL COURSES

5430: African American Studies

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

This semester course will provide a historical and cultural overview of African Americans from the year 1441 to the current era. The primary focus of this course will be about the origins, history, contemporary issues, cultures, and accomplishments of the African American community.

5540 AP African American Studies

(2 Semesters – Credit Value 2) cc, N

Prerequisite: None

Grade: 10, 11, and 12

This course is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Given the interdisciplinary character of African American studies, students in the course will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

5780 Native American Studies

(1 Semester - Credit Value: 1) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

This course will provide a historical and cultural overview about Native American tribes within the United States. The primary focus of this course will be about the origins, history, and cultures of various Native American nations. This course will also provide students with opportunities to examine contemporary issues within Native American communities

Mathematics Core Courses

4411 Algebra I (ONLINE ONLY):

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 10

This is the first of three math classes to meet college core requirement. In Algebra I students will learn to interpret and solve problems using algebraic terms and concepts. This course includes operations with rational numbers, linear equations and inequalities, polynomials, factoring, graphs of linear and quadratic functions, systems of equations, radical and rational expressions.

4411E Algebra I for EL (ONLINE ONLY):

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Identification as EL student

Grade: 10

This is the first of three math classes to meet college core requirement. In Algebra I students will learn to interpret and solve problems using algebraic terms and concepts. This course includes operations with rational numbers, linear equations and inequalities, polynomials, factoring, graphs of linear and quadratic functions, systems of equations, radical and rational expressions.

4520 Geometry:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Algebra I

Grade: 10 and 11

This is the second of three classes to meet college core requirements. Students should have successfully completed both semesters of Algebra I. This class includes proofs, constructions, polygons, circles, coordinate geometry, solid geometry and a short introduction to trigonometric functions.

4520E Geometry for EL:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Algebra I, Identification as EL student

Grade: 10 and 11

This is the second of three classes to meet college core requirements. Students should have successfully completed both semesters of Algebra I. This class includes proofs, constructions, polygons, circles, coordinate geometry, solid geometry and a short introduction to trigonometric functions.

452090 Pre-AP Geometry:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Algebra I

Recommended: "B" or above in Algebra I

Grade: 10

Pre-AP Geometry with Statistics provides students with a conceptual bridge between algebra and geometry that deepens their understanding of mathematics. The course includes a unit of statistics and probability to support students' understanding of concepts essential to quantitative literacy. The four main units are: Measurement in Data, Tools & Techniques of Geometric Measurement, Measurement in Congruent and Similar Figures; Measurement in Two & Three Dimensions. Throughout the course, students solve problems across the domains of algebra, geometry, and statistics.

BROKEN ARROW HIGH SCHOOL COURSES

4412 Algebra II:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Successful completion of 2 semesters Geometry

Recommended: "C" or above in Algebra I

Grade: 10, 11, and 12

This course is the third of three classes to meet college core requirements with a focus on providing further developing and analyzing function characteristics. Concepts to be mastered in this course include polynomial operations, factoring, graphing and solving linear and quadratic equations, radical operations, rational functions, logarithmic and exponential functions and sequences and series. This course will also promote critical-thinking skills as well as problem-solving techniques to promote success in future math courses. Graphing calculators are recommended as calculator skills will be taught and used extensively.

4412E Algebra II for EL:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Successful completion of 2 semesters Geometry

Recommended: "C" or above in Algebra I, Identification as EL student

Grade: 10, 11, and 12

This course is the third of three classes to meet college core requirements with a focus on providing further developing and analyzing function characteristics. Concepts to be mastered in this course include polynomial operations, factoring, graphing and solving linear and quadratic equations, radical operations, rational functions, logarithmic and exponential functions and sequences and series. This course will also promote critical-thinking skills as well as problem-solving techniques to promote success in future math courses. Graphing calculators are recommended as calculator skills will be taught and used extensively.

441290 Pre-AP Algebra II:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Successful completion of Algebra I and Geometry

Recommended: "B" or above in Pre-AP Algebra I & Pre-AP Geometry

Grade: 10 and 11

In Pre-AP Algebra 2, students solidify and extend the understanding of functions and data analysis developed in prior courses. Students build upon linear, quadratic, and exponential functions as they work to define logarithmic, polynomial, rational, square root, cube root, and trigonometric functions. The four main units are: modeling with a function, algebra with functions, function families, and trigonometric functions or matrices and their applications. Quantitative literacy is developed by weaving data sets, contextual scenarios, and mathematical modeling throughout the course.

4413 Algebra III:

(2 Semesters – Credit Value: 2) c.c., N

Prerequisite: Algebra II

Grade: 11 and 12

Students will cover Algebra 3 content for a full year in preparation for success in college-level mathematics courses. This course is designed to increase understanding of algebraic, graphical, and numerical methods to analyze, translate, and solve polynomial, rational, exponential, and logarithmic functions.

441390 Honors Algebra III & *TCC Pre-Calculus (College Algebra):

(2 semesters–first semester credit-1; second semester credit-2) c.c., N (GPA Weight +1.0)

Prerequisite: Successful completion of Algebra II

Recommended: C or higher in Algebra II or Pre-AP Algebra II and desire to take TCC course 2nd semester.

Grade: 11 and 12

Students will begin the fall semester with teacher-led instruction in Algebra 3. Second semester, students will take the Tulsa Community College Precalculus course for dual credit. (Check the course guide for information on requirements to qualify for dual credit courses.) This course is designed to increase understanding of algebraic, graphical, and numerical methods to analyze, translate, and solve polynomial, rational, exponential, and logarithmic functions.

4740 Probability and Statistics:

(2 Semesters – Credit Value: 2) c.c., N

Prerequisite: Algebra II

Grade: 10, 11, and 12

This course is designed to provide a basic understanding of descriptive and inferential statistics. This course includes the topics: measures of central tendency, standard deviation, combinations and permutations, probability, sampling, and normal distributions. Emphasis is on applications of statistical concepts where students will gain experience with data analysis.

4760 AP Statistics:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Successful completion of Algebra II

Recommended: Grade of "B" or higher in Algebra II or Pre-AP Algebra II

Grade: 10, 11, and 12

This class is preparation for a broad-range of university degree programs. AP Statistics introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The four broad conceptual themes will be: exploring data, planning a study anticipating patterns and statistical inference. In May, students should plan to take the AP Statistics exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May.

BROKEN ARROW HIGH SCHOOL COURSES

4614 AP Precalculus:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Successful completion of Algebra II

Recommended: Grade of B or higher in Algebra II or Pre-AP Algebra II

Grade: 10, 11, and 12

In AP Precalculus, students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. Students will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world. The four main units are polynomial & rational functions, exponential & logarithmic functions, trigonometric & polar functions, and functions involving parameters, vectors, and matrices. AP Precalculus prepares students for other college-level mathematics and science courses. A fee is charged to take the AP exam in May.

4615 AP Calculus AB:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Successful completion of AP Precalculus

Recommended: Grade of "C" or higher in Pre-AP Pre-Calculus

Grade: 11 and 12

AP Calculus AB is designed to be the equivalent of a first semester college calculus course devoted to topics in differential and integral calculus. The course features a multi-representational approach to calculus, with concepts, results, and problems expressed graphically, numerically, analytically, and verbally. Exploring connections among these representations builds understanding of how calculus applies limits to develop important ideas, definitions, formulas, and theorems. In May, students should plan to take the AP Calculus AB exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam.

4616 AP Calculus BC:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Successful completion of AP Precalculus

Recommended: Grade of "B" average or higher in Pre-AP Pre-Calculus

Grade: 11 and 12

This course includes content of the AP Calculus AB course and includes the additional topics from a college-level Calculus II course. Time is limited for review of course fundamentals. In May, students should plan to take the AP Calculus BC exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May. Mathematics Core Courses

483090 Advanced Studies in Math I: Calculus III/Differential Equations

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight + 1.0)

Prerequisite: Calculus

Grade: 11 and 12

Calculus III/Differential Equations is a continuation of Calculus BC, it includes polar coordinates, analytic geometry in 3D space, parametric equations, vectors in 2D space and 3D space, surfaces, gradient, and directional derivatives, and multi-variant differential and integral calculus. The second semester will focus on first, second, and higher order differential equations, Laplace transformations and systems of differential equations.

Science Core Courses

5031 Biology I:

(2 Semesters – Credit Value: 2) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

This is a laboratory science course which addresses the basic nature of life required by the Oklahoma Academic Standards. Students will explore the inner workings of the cell, the molecular basis of heredity, biological diversity, the interdependence of organisms, and organizations of living systems. This course is required for graduation and is a prerequisite for many other science courses.

5031E Biology I for EL:

(2 Semesters – Credit Value: 2) c.c., N

Prerequisite: Identification as EL student

Grade: 10, 11, and 12

This is a laboratory science course which addresses the basic nature of life required by the Oklahoma Academic Standards. Students will explore the inner workings of the cell, the molecular basis of heredity, biological diversity, the interdependence of organisms, and organizations of living systems. This course is required for graduation and is a prerequisite for many other science courses.

BROKEN ARROW HIGH SCHOOL COURSES

5160 Physical Science:

(2 Semester - Credit Value: 2) c.c., N

Prerequisite: None.

Grade: 10 and 11

This course is a laboratory-based course designed to introduce students to the science process. During this course, students will learn to identify the basic questions and concepts that guide scientific investigation and to design and conduct their own investigations. Fundamentals of chemistry are introduced including atomic properties and the periodic table, properties of chemical reactions, conservation of mass and energy and how waves interact with matter. Topics of Physics introduced include accelerated and circular motion, momentum, energy, charging and electrical circuits, and waves, including sound, color, and light. (Note: Students who earned a "C" or better in any other chemistry course may NOT enroll in this course.) This course provides the full physical science credit needed for graduation.

5160E Physical Science for EL:

(2 Semester - Credit Value: 2) c.c., N

Prerequisite: Identification as EL student

Grade: 10 and 11

This course offers an introduction to the fundamentals of chemistry including atomic properties and the periodic table, properties of chemical reactions, conservation of mass and energy and how waves interact with matter. (Note: Students who earned a "C" or better in any other chemistry course may NOT enroll in this course.) This course provides half the physical science credit needed for graduation

5051 Chemistry I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Biology and Physical Science

Grade: 10, 11, and 12

This course investigates the physical and chemical properties of matter and the changes it undergoes. Topics covered include: atomic structure, periodicity of the elements, nomenclature of ionic and covalent compounds, stoichiometry and the mole concept, types of chemical reactions, behavior of gases, and reactions and properties of acids and bases. Emphasis is placed on problem-solving and modeling of physical and chemical changes on symbolic, submicroscopic and macroscopic scales. This course provides the physical science credit needed for graduation.

505190 Pre-AP Chemistry I:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Successful completion of Biology; current enrollment in or completion of Algebra II

Grade: 10 and 11

This course investigates the physical and chemical properties of matter and the changes it undergoes. Topics covered include: atomic structure, periodicity of the elements, nomenclature of ionic and covalent compounds, stoichiometry and the mole concept, types of chemical reactions, behavior of gases, and reactions and properties of acids and bases. Emphasis is placed on problem-solving and modeling of physical and chemical changes on symbolic, submicroscopic and macroscopic scales. Recommended for students who wish to pursue AP Chemistry. This course provides the physical science credit needed for graduation.

5055 AP Chemistry:

(2 semesters- Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Chemistry or Pre AP Chemistry

Grade: 11 and 12

This lab-based class is designed to be the equivalent of a two-semester college general chemistry course. AP Chemistry is structured around the "Six Big Ideas" set forth by the College Board: Structure of Matter, Properties of Matter, Chemical Reactions, Rates of Chemical Reactions, Thermodynamics, and Equilibrium. In May, students should plan to take the AP Chemistry exam for possible college credit (colleges determine

credits earned). A fee is charged to take the AP exam in May. This course provides the physical science credit needed for graduation.

5211 Physics:

(2 semesters- Credit Value: 2) c.c., N

Prerequisite: At least current enrollment or completion of Algebra II, and completion of Biology.

Grade: 11 and 12

Students will recognize unifying themes that integrate the major topics of Physics including one-dimensional and two-dimensional motion, accelerated and circular motion, and momentum. Students will also explore energy, charging and electrical circuits, and waves, including sound, color and light. The curriculum integrates critical thinking, experimental design and laboratory skills. These skills will be developed using mathematical modeling, data interpretation and graphical analysis.

BROKEN ARROW HIGH SCHOOL COURSES

521110 Pre-AP Physics:

(2 semesters- Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: At least current enrollment or completion of Algebra II, and completion of Biology.

Grade: 10, 11, and 12

Students will recognize unifying themes that integrate the major topics of physics of one-dimensional motion, work, energy, and momentum. Students will also explore electrical charges and circuits, magnetism, waves, energy, thermodynamics, heat, gas laws, quantum mechanics and nuclear physics. The curriculum integrates critical thinking, experimental design and laboratory skills. These skills will be developed using mathematical modeling, data interpretation and graphical analysis. Recommended for students who wish to pursue AP Physics.

5213: AP Physics I (Algebra based):

(2 semesters- Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: At least current enrollment or completion of Algebra II

Recommended: Concurrent enrollment in Pre-Calculus or equivalent

Grade: 10, 11, and 12

This class is an Algebra-based, introductory college level physics course that explores such topics as Newtonian mechanics, work, energy,

and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. No prior coursework in physics is necessary. The students should plan to take the AP Physics exam in May for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May. This course provides the physical science credit needed for graduation.

5214 AP Physics II (Algebra based):

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: AP Physics I and current enrollment in or completion of Pre-Calculus or equivalent

Grade: 11 and 12

This class is an algebra-based, introductory college-level physics course that explores fluid statics and dynamics, thermodynamics, electrostatics, electrical circuits with capacitors, magnetic fields, optics, and quantum, atomic, and nuclear physics. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. In May, students should plan to take the AP Physics exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May. This course provides the physical science credit needed for graduation.

5216 AP Physics C: Mechanics:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Completion or concurrent enrollment in AP Calculus AB or BC

Optional: Completion of AP Physics 1

Grade: 11 and 12

This course offers instruction in mechanics, classical electricity, and magnetism. Students will focus on calculus for problem solving and formulating principles. Students must be familiar with algebra and trigonometry. Additional topics of study may include, motion, kinetic theory and thermodynamics, optics or special relativity. In May, students should plan to take one or both AP Physics exams (Mechanics and/or Electricity & Magnetism) for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May. This course provides the physical science credit needed for graduation.

5217 AP Physics C: Elect & Mag:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Successful completion of AP Physics C: Mechanics

Grade: 11 and 12

This course is a calculus approach to the Electricity and Magnetism portion of the AP Physics C course. Students will study the physics of electrostatics including Electrical Force, Electrical Field, Electric Potential and Electric Charge. Additionally, the students will learn about current, voltage, resistance, AC and DC Circuits, and multiple circuit components including resistors, capacitors and inductors. In the second half of the course the students will learn about the connection between Electricity and Magnetism as well as magnetic force and the effect of magnetic fields on magnetic objects and charged particles moving through the field. This course is a laboratory course with 20% of the course work done through labs. In May, students should plan to take one or both AP Physics exams (Mechanics and/or Electricity & Magnetism) for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May. This course provides the physical science credit needed for graduation.

5240 Zoology:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology and current enrollment or completion of any physical science

Grade: 11 and 12

This class is a biological science course focusing on the internal and external processes and characteristics of terrestrial, freshwater, and marine animals. Studies will be directed toward classification, identification, behavior, basic comparative anatomy, and reproduction of the incredibly diverse members of Kingdom Animalia. Animal dissections may be incorporated and student projects will be used to develop individual learning skills.

BROKEN ARROW HIGH SCHOOL COURSES

5334 Forensic Science:

(2 Semesters- Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology and completion of a physical science

Grade: 11 and 12

This course surveys historical aspects of forensic science as well as tools and methods of the forensic professionals. Major topics include crime scene processing and documentation, microscopic analysis, forensic toxicology, serology, DNA, fingerprints, firearms and impression evidence. Students will also explore anthropology, behavioral analysis, glass analysis, odontology, and pathology. Student labs will be used to learn and apply individual and group skills.

5336 Microbiology:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology and any physical science

Grade: 11 and 12

Microbiology is a laboratory science course designed to introduce students to the general principles of the biology of microorganisms, including: bacteria, viruses, algae, fungi, protozoa, archaea and helminths. Students will learn clinical laboratory skills including laboratory safety, aseptic technique, microscopy, staining and culture techniques, collection of microbial samples, isolation and identification of microorganisms, microbial growth, basic principles of metabolism and microbial taxonomy. Students will also learn microbial diseases and their roll in human pathology. Medical and environmental microbiology may also be considered and this course is beneficial to those wishing to pursue a medical career and/or become familiar with life science lab procedures. NOTE: Course content is occasionally graphic or explicit.

5035 AP Biology:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisites: Successful completion of Biology and Chemistry

Grade: 11 and 12

This 2nd level course in biology is intended for students seeking advanced placement in college. It is the equivalent of a college freshman course featuring a biochemical approach to the study of life functions. Study in detail will include: the molecular level of the cell, the function of various plant and animal organisms and populations, and heredity and evolution. In May, students should take the AP Biology exam for possible college credit (determined by college). A fee is charged to take the AP exam in May.

5333 Anatomy:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology and any physical science course

Grade: 11 and 12

This course studies the structure, functions, and interactions of the various organ systems in health and disease. Emphasis is placed on behaviors that lead to sickness or health. This course is ideal for students interested in health professions or just living as healthy a life as possible. Dissection is a requirement. Note: Course content is occasionally graphic or explicit.

522090 Honors Physiology/533390 Honors Anatomy:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Successful completion of Biology and current enrollment or completion of Chemistry

Grade: 11 and 12

This course studies the structure, functions, and interactions of the various organ systems in health and disease. Emphasis is placed on behaviors that lead to sickness or health. This course is ideal for students interested in health professions or just living as healthy a life as possible. Dissection is a requirement. Note: Course content is occasionally graphic or explicit.

5020 Astronomy:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology or physical science, and concurrent or completion of Algebra II.

Grade: 11 and 12

Students will demonstrate understanding of the history of astronomy, tools of astronomy, planetary systems, stellar cycles, the Milky Way & galaxies, cosmology, and modern physics as it applies to astronomy. Students will model concepts mathematically and using diagrams. Students will collaborate to develop explanations for astronomical phenomena.

5120 Environmental Science:

(2 semesters- Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology and concurrent enrollment or completion of a physical science

Grade: 11 and 12

Students will demonstrate understanding of the following: the scientific method, economics and environmental policy, Earth's environmental systems, population ecology, evolution and community ecology, biomes and aquatic ecosystems, biodiversity and conservation, human populations, environmental health, urbanization, forestry and resource management, soil and agriculture, mineral resources and mining, water resources, the atmosphere, global climate change, nonrenewable and renewable energy, and waste management. Students will model concepts mathematically and using diagrams. Students will collaborate to develop explanations for environmental phenomena.

BROKEN ARROW HIGH SCHOOL COURSES

5120E Environmental Science for EL:

(2 semesters- Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology and concurrent enrollment or completion of a physical science, Identification as EL student

Grade: 11 and 12

Students will demonstrate understanding of the following: the scientific method, economics and environmental policy, Earth's environmental systems, population ecology, evolution and community ecology, biomes and aquatic ecosystems, biodiversity and conservation, human populations, environmental health, urbanization, forestry and resource management, soil and agriculture, mineral resources and mining, water resources, the atmosphere, global climate change, nonrenewable and renewable energy, and waste management. Students will model concepts mathematically and using diagrams. Students will collaborate to develop explanations for environmental phenomena.

512190 AP Environmental Science:

(2 Semesters- Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Successful completion of Biology and Chemistry

Grade: 11 and 12

This course is designed to be the equivalent of a college course in environmental science. Students are provided with scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems and to examine alternative solutions. Students should plan to take the AP Environmental Science exam in May for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May.

5140 Geology/5335 Meteorology:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Successful completion of Biology, physical science, and concurrent or completion of Algebra II.

Grade: 11 and 12

During semester 1 students will investigate the physical structure, composition, history, and processes that act upon the Earth.

Investigations will include evaluating evidence of Oklahoma's geologic history, researching the history of geologic theories, and evaluating the effects of water on Earth's materials and systems. During semester 2 students will investigate the processes and phenomena of the Earth's atmosphere. Investigations will include energy flow in the atmosphere, climates, as well as natural hazards and their impact on human activity. Included in semester 2 is an investigation of the oilfield industry and the impact of fossil fuels on the environment.

World Languages

All students are required to take 1 to 2 years of World Languages or Computer Science Technology courses to graduate.

3111 French I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Recommendation: C or better in English or teacher recommendation

Grade: 10 and 11

This course is an introduction to the fundamentals of French language and culture. Emphasis is placed on, listening, reading and writing and speaking in French.

3112 French II:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: French I

Recommendation: C or better in English or teacher recommendation

Grade: 10, 11, and 12

This course is a continuation of French I. Developing composition skills, conversations, selected readings and French culture are the main components of French II. Emphasis is placed on listening, reading, writing and speaking in French.

3113 Pre-AP French III:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: French II or teacher approval

Grade: 11 and 12

This course is a continuation of French I and II. Advancing compositions skills, conversations, selected readings and French culture are the main components of French III. Increased emphasis is placed on listening, reading, writing and speaking in French.

3115 AP French Language & Culture:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: French III or teacher approval

Grade: 12

This course is a continuation of French I, II and III Pre-AP. Mastering composition skills, conversations, selected readings and French culture are the main components of French IV. This course is designed for students who are preparing to test out of college courses or receive advanced placement credit. A fee is charged to take the AP Exam in May.

BROKEN ARROW HIGH SCHOOL COURSES

3161 Spanish I:

(2 Semesters - Credit Value: 2) c.c., N,

Prerequisite: None

Recommendation: C or better in English or teacher recommendation

Grade: 10 and 11

This course is an introduction to the fundamentals of the Spanish language and culture. Emphasis is placed on listening, reading, writing and speaking in Spanish.

3169 Heritage Spanish I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Identification as a Spanish-speaking student

Grade: 10 and 11

This course is a Spanish language course for native speakers of Spanish. Students will develop and perfect communication skills in spoken and written Spanish. Students will work at individualized levels and earn the appropriate World Language graduation credit through the successful completion of this course.

3162 Spanish II:

(2 Semesters - Credit Value: 2) c.c., N,

Prerequisite: Spanish I or placement test

Recommendation: C or better in English or teacher recommendation

Grade: 10, 11, and 12

This course is a continuation of Spanish I. Developing composition skills, conversations, selected readings and Spanish culture are the main components of Spanish II. Emphasis is placed on listening, reading, writing and speaking in Spanish.

3170 Heritage Spanish II:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Heritage Spanish I

Grade: 10, 11, and 12

This course is a Spanish language course for native speakers of Spanish. Students will develop and perfect communication skills in spoken and written Spanish. Students will work at individualized levels and earn the appropriate World Language graduation credit through the successful completion of this course. This course will build upon the content and skills acquired in Heritage Spanish I and will prepare students to move into Pre-AP or AP level Spanish courses for college credit.

3163 Pre-AP Spanish III:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Spanish II or placement test

Recommendation: C or better in English or teacher recommendation

Grade: 10, 11, and 12

This course is a continuation of Spanish I and II. Advancing composition skills, conversations, selected readings and Spanish culture are the main components of Spanish III. Increased emphasis is placed on listening, reading, writing and speaking in Spanish.

3164 Pre-AP Spanish IV:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Spanish III or teacher approval

Grade: 11 and 12

This course is a continuation of Spanish I, II and III Pre-AP. Mastering composition skills, conversations, selected readings and Spanish culture are the main components of Spanish IV. Increased emphasis is placed on listening, reading, writing and speaking in Spanish.

3165 AP Spanish Language & Culture:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Prerequisite: Spanish IV or teacher recommendation

Grade: 11 and 12

This course is a continuation of Spanish I, II, III and IV. Perfecting compositions skills, conversations, selected readings and Spanish culture are the main components of Spanish V. This course is designed for students who are preparing to test out of college courses or receive advanced placement credit. A fee is charged to take the AP Exam in May

3131 Latin I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Recommendation: C or better in English or teacher recommendation

Grade: 10 and 11

This course is an introduction to the fundamentals of the Latin language. Emphasis is placed on vocabulary, grammar and syntax of the language through reading stories. It includes the study of Roman history, customs, literature, mythology, art and architecture as well as their influence upon our own culture.

3132 Latin II:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: Latin I

Recommendation: C or better in English or teacher recommendation

Grade: 10, 11, and 12

This course is a continuation of Latin I. Emphasis is placed on vocabulary, grammar and syntax of the language through reading stories. It includes further study of Roman culture.

3133 Pre-AP Latin III:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

Prerequisite: Latin II

Grade: 11 and 12

This course is a continuation of Latin I and II. Emphasis is placed on vocabulary, grammar and syntax of the language through reading stories. It includes further study of Roman culture. Students will make the transition from reading stories to reading Roman authors.

BROKEN ARROW HIGH SCHOOL COURSES

3135 AP Latin:

(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

Recommended: Latin III

Grade: 12

This course is a continuation of Latin I, II and III Pre-AP. Students will read selections from Vergil's Aenid and Caesar's De Gallico in accordance with the AP Latin curriculum. This course is designed for students who are preparing to test out of college courses or receive advanced placement credit. A fee is charged to take the AP exam in May.

3171 American Sign Language I:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: None

Grade: 10 and 11

This course is an introduction to the fundamentals of American Sign Language. It includes vocabulary, syntax, fingerspelling, classifiers and deaf culture.

3172 American Sign Language II:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: American Sign Language I

Grade: 10, 11, and 12

This course is a continuation of American Sign Language I. There will be a primary focus on refining the basic use of ASL sentence types. Routine communication functions of the language will be emphasized. The deaf community and deaf culture will be included.

3173: American Sign Language III:

(2 Semesters - Credit Value: 2) c.c., N

Prerequisite: American Sign Language I & II

Grade: 12

This course is a continuation of topics learned in ASL 1 & 2 focusing on specific topics, with an emphasis on the development of conversational skills. It is designed to provide a development of skills in non-verbal communications and increased understanding of the types and uses of classifiers in ASL. Students will learn how to narrate, describe, compare and comment in ASL as well as deeper use and understanding of facial expression, gestures, pantomime and body language and the ability to utilize this component of ASL in expressive and receptive signing.

3121: German I:

(2 semesters- Credit Value 2) c.c., N

Prerequisite: None

Recommendation: C or better in English or teacher recommendation

Grade: 10 and 11

This course is an introduction to the fundamentals of German language & culture. Emphasis is placed on reading, writing, listening and speaking German.

3122: German II:

(2 semesters- Credit Value 2) c.c., N

Prerequisite: German I

Recommendation: C or better in English or teacher recommendation

Grade: 10, 11, and 12

This course is a continuation of German I. Developing composition skills, conversations and German culture are main components of German II.

3123: Pre-AP German III:

(2 semesters- Credit Value 2) c.c., N (GPA Weight +1.0)

Prerequisite: German II

Grade: 10, 11, and 12

Advancing composition skills, conversation, selected readings and German culture are main components of German III. Increased emphasis is placed on listening, speaking, reading, and writing in German.

3212: Mvskoke 1:

(2 semesters-Credit Value 2) c.c., N

Prerequisite: None

Grade: 10, 11, and 12

The Mvskoke Language is a beautiful language with a long history. It is spoken by the Mvskoke people (also known as Muscogee, Muscogee Creeks, or Creeks). In this first course, you will begin to learn how to pronounce the language and its alphabet, how to have simple conversations, and learn how to make your first sentences in the language. The course will focus on beginning conversation topics, family, clans, colors, animals, and how to talk about these things in full sentences. You will learn present tense, how to describe things, and other conversational tools.

Computer Science Core Courses

2557 Desktop Publishing-Microsoft:

(1 Semester – Credit Value: 1) c.c.

Prerequisite: None

Grade: 10, 11, and 12

In this course students will design brochures, flyers, pamphlets, logos, business cards, letterheads and other documentation common in an office setting. By integrating desktop publishing with other software packages, students will produce written communication comparable to that produced at a professional level.

BROKEN ARROW HIGH SCHOOL COURSES

255710 Desktop Publishing-Adobe Creative:

(1 Semester – Credit Value: 1) c.c.

Prerequisite: None

Grade: 10, 11, and 12

In this course, students will use the computer as a tool to learn desktop publishing and multimedia technology. Students will complete projects using Adobe Creative Cloud software to manipulate photos, sound files, and videos. Students will learn Adobe Photoshop, Adobe Audition, Adobe Premiere, Adobe Dreamweaver 3D design software and create web pages. This course will help students discover the career of graphic design.

8852 Computer Science Essentials (CS1):

(2 Semesters – Credit Value: 2) c.c.

Prerequisite: None

Grade: 10, 11, and 12

CSE introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text-based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. The course engages students in computational thinking practices and collaboration strategies, as well as industry-standard tools authentic to how computer science professionals work. Students will learn about professional opportunities in computer science and how computing can be an integral part of all careers today.

886005 Computer Science Principles (CS2)

(2 Semesters – Credit Value: 2) c.c.

Prerequisite: Grade of “C” or higher in Algebra I

Grade: 10, 11, and 12

In this course students will use the latest Visual Basic Desktop program to write and design Visual Basic programs for the computer. Students will learn to design, set properties, and write the code for useful, well- designed programs that solve practical business problems. The goal of this course is to provide computer programming for students with little or no previous programming experience.

816005 Advanced Programming (CS3)

(2 Semesters – Credit Value: 2) c.c.

Prerequisite: Computer Science Discoveries or Computer Science Principles

Grade: 10, 11, and 12

In this course students will use previous knowledge of basic programming. Students will gain skills in critical analysis, problem solving, communication through technical reports, and responsibility with privacy issues for consumers when designing software applications and IT systems. The goal of this course is to extend computer programming for students with previous programming experience.

8153 Fundamentals of Web Design (CS2)

(2 Semesters – Credit Value: 2) c.c.

Prerequisite: Grade of “C” or higher in Algebra I

Grade: 10, 11, and 12

In this course students will cover the basics of how to design a website and the different tools used to create them. We will discuss everything from coding, purpose, layout, design and many more elements needed for a successful website. Students will also cover HTML tags for text, images, links, lists, simple layouts, complex layouts, tables, forms, frames, style, internal style sheets (CSS), and external sheets. We will use Notepad and Brackets.

8256 Cybersecurity Basics: This course is located on Vanguard Campus

(2 Semesters – Credit Value: 2) c.c.

Prerequisite: None

Grade: 10, 11, and 12

Cybersecurity is a full-year course that exposes high school students to the ever growing and far reaching field of cybersecurity. Students accomplish this through problem-based learning, where students role-play as cybersecurity experts and train as cybersecurity experts do. The course integrates Computer Science Teachers Association (CSTA) standards. Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, “outside-the-box” thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security.

8709 Intro to Engineering Design:

(2 Semesters - Credit Value: 2) c.c.

Prerequisite: Application through TTC

Grade: 10, 11, and 12

Introduction to Engineering Design is a course that teaches students problem-solving skills using a design development process. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software. This course is approved for Computer Science/Computer Technology credit and is Oklahoma Promise approved.

8710 Principles of Engineering (POE):

(2 Semesters - Credit Value: 2) c.c.

Prerequisite: Introduction to Engineering Design (IED) OR application through TTC.

Grade: 10

Principles of Engineering helps students understand the field of engineering/engineering technology. Students explore various technology systems and manufacturing processes helping them learn how engineers and technicians use math, science, and technology in an engineering problem solving process to benefit people. This course also includes concerns about social and political consequences of technological change. This course is approved for Computer Science/Computer Technology credit and is Oklahoma Promise approved

BROKEN ARROW HIGH SCHOOL COURSES

8881 Virtual Reality Game Design:

(2 Semester – Credit Value: 2) c.c.

Prerequisite: CS1, CS2, or Teacher Approval

Grade: 10, 11, and 12

Game Design will teach you the steps necessary to make your own computer game. You will learn how to create game rules, events, and actions, assign properties to resources, and develop a scoring and health system. App Design will cover how to create apps for various platforms from iPhones, androids, and windows phones. We will cover the different kinds of apps from web based to sever based. We will also discuss the evolution of apps and the website's that now exist to create apps easily.

Visual Arts Courses

2816 AP Art History:

(2 Semesters – Credit Value: 2) (GPA Weight +2.0)

Prerequisite: None

Grade: 11 and 12

Students will study the art of the world. Students will learn about art and its function in cultures throughout the ages. No art courses are required as this is history course. Students will be able to recognize and analyze the art and architecture of cultures throughout the world. Students should be strong readers and writers. In May, students should plan to take the Advanced Placement exam for possible college credit (Colleges determine credits earned). A fee is charged to take the AP exam.

2808 Art I, Intro to 2D:

(1 Semesters - Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

Students will cover two-dimensional work such as drawing and design, color mechanics, and painting.

2809 Art II, Intro to 3D:

(1 Semesters - Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

Students will cover three-dimensional work in pottery, sculpture, and mixed media.

2878 Drawing I:

(1 semester - Credit Value: 1)

Prerequisite: Foundations of Art or Art I 2D, or Pre-AP Art

Grade: 10, 11, and 12

Students will build on drawing skills gained during previous high school art classes. The focus of the semester will be to explore mark making in a variety of media, working both with observation and abstractly. Students will be required to purchase some supplies

2879 Drawing II:

(1 semester - Credit Value: 1)

Prerequisite: Drawing I or Teacher Approval

Grade: 10, 11, and 12

Students will build on drawing skills gained in Drawing I. Students will continue to explore mark making in a variety of media, working both with observation and abstractly. Students will be doing advanced projects and some independent study. Students will be required to purchase some supplies.

2851 Printmaking I:

(1 semester - Credit Value: 1)

Prerequisite: Foundations of Art or Art I 2D or Pre-AP Art

Grade: 10, 11, and 12

Students will explore basic printmaking processes including relief printing with linoleum as well as etching, monotype, and silkscreen. Students will be required to purchase some supplies.

2852 Printmaking II:

(1 Semester-Credit Value: 1)

Prerequisite: Printmaking I or Teacher Approval

Grade: 10, 11, and 12

Students will continue to explore printmaking processes including relief printing with linoleum as well as etching, monotype, and silkscreen.

Students will be doing advanced projects and some independent study. Students will be required to purchase some supplies.

2871 Painting I:

(1 semester - Credit Value: 1)

Prerequisite: Foundations of Art, or Art I 2D, or Pre-AP Art

Grade: 10, 11, and 12

Students will build on painting skills gained during previous high school art classes. The focus of the semester will be acrylic and water coloring painting. Students will be required to purchase some supplies.

2872 Painting II:

(1 semester- Credit Value: 1)

Prerequisite: Painting I or Teacher Approval

Grade: 10, 11, and 12

Students will build on painting skills gained in Painting I. The focus of the semester will be the use of water-soluble oil paints. Students will be doing advanced projects and some independent study. Students will be required to purchase some supplies.

BROKEN ARROW HIGH SCHOOL COURSES

2821 Mixed Media I:

(1 semester - Credit Value: 1)

Prerequisite: Foundations of Art, or Art I 2D, or Pre-AP Art

Grade: 10, 11, and 12

Students will build on skills gained during the Foundations or PAP Foundations of Art. Students will explore a variety of techniques using multiple mediums. Students will be required to purchase some supplies.

2822 Mixed Media II:

(1 semester – Credit Value: 1)

Prerequisite: Mixed Media I or Teacher Approval

Grade:

Students will build on skills gained during Mixed Media 1. Students will explore a variety of techniques using multiple mediums. Students will be doing advanced projects and some independent study. Students will be required to purchase some supplies.

2901 Sculpture I:

(1 semester - Credit Value: 1)

Prerequisite: Foundations of Art, or Art II 3D, or Pre-AP Art

Grade: 10, 11, and 12

Students will build on sculpture skills gained during previous high school art classes. They will learn a variety of techniques as they explore art created in three dimensions. Students will be required to purchase some supplies.

2902 Sculpture II:

(1 semester - Credit Value: 1)

Prerequisite: Sculpture I or Teacher Approval

Grade: 10, 11, and 12

Students will build on sculpture skills gained during Sculpture I. They will learn a variety of techniques as they explore art created in three dimensions. Students will be doing advanced projects and some independent study. Students will be required to purchase some supplies.

2841 Ceramics I:

(1 semester - Credit Value: 1)

Prerequisite: Foundations of Art, or Art II 3D, or Pre-AP Art

Grade: 10, 11, and 12

Students will build on ceramic skills gained during previous high school art classes. The focus will be on hand-building skills and some wheel throwing. Students will be required to purchase some supplies.

2842 Ceramics II:

(1 Semester - Credit Value: 1)

Prerequisite: Ceramics I or Teacher Approval

Grade: 10, 11, and 12

Students will build on ceramic skills gained during Ceramics I. The focus will be on advanced hand-building skills and wheel throwing. Students will be doing advanced projects and some independent study. Students will be required to purchase some supplies.

2831 Pre-AP Art II:

(2 Semesters- Credit Value: 2) (GPA Weight +1.0)

Prerequisite: Pre-AP Art or teacher approval

Grade: 10 and 11

Students will build on skills learned in previous years to begin developing their techniques to prepare them for their AP Studio Art Portfolio with the focus being on Drawing, 3D Design and 2D Design. Students will be required to purchase some supplies.

2833 Pre-AP 3D Art & Design:

(2 Semesters- Credit Value: 2) (GPA Weight +1.0)

Prerequisite: Pre AP Art-2 or teacher approval

Grade: 11

Students will further work with advanced sculpture techniques, developing their techniques to prepare them for their AP Studio Art 3D Design Portfolio which they will complete during their senior year. Students will be required to purchase some supplies.

(2 Semesters - Credit Value: 2) (GPA Weight +2.0)

2815 AP Drawing:

(2 Semesters- Credit Value: 2) (GPA Weight +2.0)

Prerequisite: PAP Art 2 or 6 semesters of high school art courses OR instructor approval by portfolio review. Students will be required to show a portfolio of 8-10 pieces of current artwork for evaluation.

Grade: 11 and 12

Students will study a variety of media and subject matter. Students will learn to formulate and develop a unified body of work with attention to the drawing concerns and mark making. The AP Art program enables highly motivated students to do college level work while in high school. Students will submit a portfolio of 8 to 10 high quality finished art works for evaluation by the College Board at the end of the school year for possible college credit. A fee is charged to take the exam in May. Students will be required to purchase some supplies.

2838 2D AP Art & Design:

(2 Semesters - Credit Value: 2) (GPA Weight +2.0)

Prerequisite: PAP Art 2 or 6 semesters of high school art courses OR instructor approval by portfolio review. Students will be required to show a portfolio of 8-10 pieces of current artwork for evaluation.

Grade: 11 and 12

Students will study a variety of media and subject matter. Students will learn to formulate and develop a unified body of work with attention to elements of art and principles of design. The AP Art program enables highly motivated students to do college level work while in high school. Students will submit a portfolio of 8 to 10 high quality artworks for evaluation by the College Board at the end of the school year for possible college credit. A fee is charged to take the exam in May. Students will be required to purchase some supplies.,

BROKEN ARROW HIGH SCHOOL COURSES

2839 AP 3D Art & Design:

(2 Semesters - Credit Value: 2) (GPA Weight +2.0)

Prerequisite: PAP Art 2 or 6 semesters of high school art courses OR instructor approval by portfolio review. Students will be required to show a portfolio of 8-10 pieces of current artwork for evaluation.

Grade: 11 and 12

Students will be required to study a variety of media & subject matter to develop a body of work with attention to the use of three dimensional space. This AP class enables highly motivated students to do college level work. Students will submit a portfolio of 24 works of art for evaluation by the College Board at the end of the school year for possible college credit. A fee is charged to take the AP exam in May. Students will be required to purchase some supplies and create an assigned artwork over the summer.

Performing Arts Courses

4019 Drama I:

(2 Semesters - Credit Value: 2) No Prerequisite

Grade: 10, 11, and 12

This is a beginning course for acting techniques. Students will learn concepts of performing that include: memorization, projections, articulation, "presence", characterization choices, creating scenes, ensemble work & design.

4020 Drama II:

(2 Semesters - Credit Value: 2)

Prerequisite: Drama I, by audition and with teacher approval;

Grade: 10, 11, and 12

Continued development of acting technique with regard to stage movement and characterization are pursued as well as elements of audition techniques, play analysis and play production. Drama II students are encouraged to participate in drama activities outside the regular school day.

402090 Advanced Drama II:

(2 Semesters - Credit Value: 2)

Prerequisite: Drama I; by audition and with teacher approval;

Grade Levels: 10, 11, and 12

A Drama II curriculum is followed, but at a more accelerated pace and with an emphasis on production participation. Continued development of acting technique with regard to stage movement and characterization are pursued as well as elements of audition techniques, play analysis and play production. *Drama II students are expected to participate

in play productions and other drama activities outside the regular school day.

4021 Drama III:

(2 Semesters – Credit Value: 2)

Prerequisite: Drama I and II; by audition and with teacher approval;

Grade Levels: 10, 11, and 12

Students will focus on the character complex, script analysis and the refinement of acting technique. Specific processes for performing comedy and tragedy, auditioning for musical theatre and additional topics related to current BAHS productions will also be explored.

*Drama III students are encouraged to participate in drama activities outside the regular school day.

402190 Advanced Drama III:

(2 Semesters - Credit Value: 2)

Prerequisite: Drama I and II; by audition and with teacher approval

Grade Levels: 10, 11, and 12

A Drama III curriculum is followed, but at a more accelerated pace and with an emphasis on production participation. Students will focus on the character complex, script analysis and the refinement of acting technique. Specific processes for performing comedy and tragedy, auditioning for musical theatre and additional topics related to current BAHS productions will also be explored. *Advanced Drama III students are expected to participate in play productions and other drama activities outside the regular school day.

2896 Acting Styles:

(2 Semesters – Credit Value – 2)

Prerequisite: Drama I and II; by audition and with teacher approval;

Grade: 11 and 12

The study of specific play genres will be offered to students wishing a more in-depth approach to acting styles. Genres include but are not limited to farce, high comedy, Shakespeare, musical theatre and Greek tragedy. Stylistic elements of each genre's vocal presentation, movement, costume and makeup will be explored and showcased in an end of year performance. Students are expected to participate in productions and other drama activities outside the regular school day.

2894 Theatre Production:

(2 Semesters - Credit Value: 2)

Prerequisite: Drama I, II and III; audition and with teacher approval;

Grade: 12

Students chosen for this course become the active participants in each of the BAHS play productions. The study units and performance assignments of the class focus on the working play, thereby giving students an opportunity to refine acting technique as well as to broaden their knowledge and use of acting styles. Additional studies in directing and preparing for the college audition are also explored. Theatre Production students are required to participate in productions and other drama activities outside the regular school day.

BROKEN ARROW HIGH SCHOOL COURSES

2856 Stage Crafts I:

(1 Semester – Credit Value: 1)

Prerequisite: Application/Referral from teacher

Grade: 10, 11, and 12

This course is for students interested in the technical side of theatre, as well as current theatre students who want to gain marketable skills in their field of choice.

3003 Concert Band:

(2 Semesters – Credit Value 2)

Including: Concert Band 1, Concert Band 2

Prerequisite: Audition and with Teacher approval

Grade Levels: 10, 11, and 12

Concert Band explores traditional band repertoire and emphasizes a strong approach to fundamental and developing musicianship skills with possibilities of learning a second instrument.

3002 Symphonic Band:

(2 Semesters- Credit Value 2)

Including: Symphonic Band 1, Symphonic Band 2

Prerequisite: Audition and with teacher approval

Grade Levels: 10, 11, and 12

Symphonic Band explores traditional band repertoire, transcriptions, and contemporary works, with a strong emphasis in individual performance skills. This ensemble utilizes Chamber Ensembles and Honor Band auditions as a method to emphasize individual musicianship.

300390 Honors Symphonic Band

(2 Semesters- Credit Value 2) (GPA Weight +1.0)

Prerequisite: Application and with Teacher approval.

Grade Levels: 11 and 12

The band honors courses are for students wishing to challenge themselves with innovative curriculum beyond what is taught in the standard course. This course is open to juniors and seniors who are enrolled in Symphonic Band 1 and with Director approval. Students wishing to earn honors credit in multiple courses must complete separate choice curriculum assignments for each course. Application must be picked up from the director.

300410 Wind Ensemble:

(2 Semesters- Credit Value 2)

Prerequisite: Audition and with Teacher approval.

Grade Levels: 10, 11, and 12

Auditions will determine the band in which you are placed.

The band explores traditional band repertoire with the possibility of learning a secondary instrument (11th and 12th grade only). The band class may be alternated with a percussion ensemble in the event the student population does not have enough members to sustain a full concert band class. In this event all percussion at the school will be in a class together for the first semester and then assigned to one of the performance ensembles second semester based on audition

300490 Honors Wind Ensemble:

(2 Semesters- Credit Value 2) (GPA Weight +1.0)

Prerequisite: Application and with Teacher approval.

Grade Levels: 11 and 12

The band honors courses are for students wishing to challenge themselves with innovative curriculum beyond what is taught in the standard course. This course is open to juniors and seniors who are enrolled in Wind Ensemble and with Director approval. Students wishing to earn honors credit in multiple courses must complete separate choice curriculum assignments for each course. Application must be picked up from the director.

3004 Tiger Pride Marching Band:

(1 Semesters - Credit Value: 1)

Prerequisite: Audition (recorded or live as needed)

Grade: 10, 11, and 12

The Pride of Broken Arrow Marching Band is a state of the art, corps-style marching ensemble. It explores the latest trends in pageantry marching band. This class meets outside the regular school day. Students will incur extra expenses for travel, etc.

3022 Jazz Ensemble:

(2 Semesters - Credit Value: 2)

Prerequisite: Audition (recorded or live as needed)

Grade: 11 and 12

The Jazz Ensemble is an advanced level ensemble. Wind players are required to be a member of a concert band class. Percussion, guitar, bass and piano players (instruments not normally used in concert ensembles) may be from the general student population if no wind player is qualified in those areas. The Jazz ensemble explores all areas of Jazz improvisation and ensemble techniques regardless of style or period. And after school ensemble is available for intermediate students to explore the Jazz idiom. This after school ensemble is not required to participate in the BAHS Jazz ensemble.

BROKEN ARROW HIGH SCHOOL COURSES

302290 Honors Jazz Ensemble:

(2 Semesters - Credit Value: 2) (GPA Weight +1.0)

Grade Levels: 11 and 12

The band honors courses are for students wishing to challenge themselves with innovative curriculum beyond what is taught in the standard course. This course is open to juniors and seniors who are enrolled in Jazz Ensemble and with Director approval. Students wishing to earn honors credit in multiple courses must complete separate choice curriculum assignments for each course. Application must be picked up from the director.

3056 Introduction to Music History

(2 Semesters – Credit Value:2)

Prerequisite: None

Grade 10, 11, and 12

Music history courses provide students with an understanding of music, its importance, and context in a selected range of historical periods and/or cultural styles.

3051 Music on Stage & Screen

(2 Semesters – Credit Value:2)

Prerequisite: None

Grade 10, 11, and 12

Students will recognize the development of music from a historical and cultural perspective. Students will study the fundamentals of music and discover basic music terminology, instrument families, tempo, rhythm, form and meter.

3054 Music Theory:

(2 Semesters-Credit Value: 2)

Grade Levels: 10, 11, and 12

Students will implement higher-level musical language and grammar skills including musical notation, harmonic analysis, and part writing which will lead to a thorough understanding of music composition and music theory.

3055 AP Music Theory:

(2 Semesters - Credit Value: 2) (GPA Weight +2.0)

Recommended: Passing qualifying exam

Grade: 12

The study of the elements of music through sight-singing, reading, writing, music analysis, playing, ear-training, and music composition. This course will focus on the development of fundamental aural, analytical and compositional skills, while providing a solid foundation in intervals, scales, chords, metric/rhythm patterns, in relation to the major-minor tonal system. In May, students should plan to take the AP Music Theory exam for possible college credit (colleges determine credits earned). A fee is charged to take the AP exam in May.

302140 Symphony Orchestra:

(2 Semesters – Credit Value: 2)

Grade Levels: 10, 11, and 12

Prerequisite: Audition (recorded or live as needed) will determine placement.

The Symphony Orchestra is an advanced level orchestra. This orchestra explores various styles and time periods of string orchestra repertoire, while also working on advanced playing techniques. Students will perform in professional concert settings during each semester, as well as compete in regional and state competitions.

3021 Chamber Orchestra:

(2 semesters- Credit Value: 2)

Grade Levels: 10, 11, and 12

Prerequisite: Audition (recorded or live as needed) will determine placement

The Chamber Orchestra is the premier performance group at the senior high. It is dedicated to the performance of the finest orchestra repertoire of various styles and time periods across several genres and styles, while also working on advanced playing techniques. Students will perform in professional concert settings during each semester, as well as compete in regional and state competitions.

302195 Honors Chamber Orchestra:

(2 Semesters – Credit Value: 2) (GPA Weight +1.0)

Prerequisite: Application and director approval

Grade: 11 and 12

Orchestra honors courses are for students wishing to challenge themselves with innovative curriculum beyond what is taught in the standard course. This course is open to juniors and seniors who are enrolled in Chamber Orchestra and with Director approval. Students wishing to earn honors credit in multiple courses must complete separate choice curriculum assignments for each course. Application must be picked up from the director.

3071 Treble Choral Union:

(2 Semesters - Credit Value: 2)

Prerequisite: Ability to match pitch vocally, sing in an upper treble range

Grade: 10, 11, and 12

This class works toward performance of a wide variety of music including pop, holiday, patriotic, spiritual, and classical. Music theory and singing skills included. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day.

BROKEN ARROW HIGH SCHOOL COURSES

3072 Choral Union Tenor/Bass & Soprano Alto Choir:

(2 Semesters - Credit Value: 2)

Prerequisite: Ability to match pitch vocally, sing in a lower tenor/bass range

Grade: 10, 11, and 12

This course works toward performance of a wide variety of music including pop, holiday, patriotic, spiritual, and classical. Music theory and singing skills included. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day.

3073 Treble Chamber Choir:

(2 Semesters - Credit Value: 2)

Prerequisite: Audition and enrollment in Tiger Mystique

Grade: 10, 11, and 12

The Advanced Treble Chamber Choir is for the more advanced vocal student with strong singing skills. This group performs all genres of music—classical, folk, jazz, and pop with an emphasis on more difficult literature. Emphasis in this group is on performance, but without choreography, which will include several contests, concerts, and extra engagements during the year. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day. These outside activities will be a factor in determination of the grade.

307305 Honors Treble Chamber Choir

(2 Semesters - Credit Value: 2)

Prerequisite: Application and director approval

Grade: 10, 11, and 12

Choir honors courses are for students wishing to challenge themselves with innovative curriculum beyond what is taught in the standard course.

3075 Mixed Chamber Choir:

(2 Semesters – Credit Value: 2)

Prerequisite: Audition and enrollment in Tiger Rhythm Show Choir at BAHS or Tiger Momentum at BA Freshman Academy

Grade: 10, 11, and 12

The Advanced Mixed Chamber Choir is for the more advanced vocal student with strong signing skills. This group performs all genres of music – classical, folk, jazz, and pop with an emphasis on more difficult literature. Emphasis in this group is on performance, but without choreography, which will include several contests, concerts, and extra engagements during the year. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day. These outside activities will be a factor in determination of the grade.

307505 Honors Mixed Choir

(2 Semesters - Credit Value: 2)

Prerequisite: Application and director approval

Grade: 10, 11, and 12

Choir honors courses are for students wishing to challenge themselves with innovative curriculum beyond what is taught in the standard course.

3081 Tiger Rhythm – Show Choir:

(2 Semesters - Credit Value: 2)

Prerequisite: Audition and Enrolled in Chamber Choir (This class will be scheduled M-F at 6:45 a.m.)

Grade: 10, 11, and 12

Show Choir is for students with an exceptional voice and a flair for the dramatic. Membership in this class is based on singing ability and dance experience with an emphasis on vocal and dance productions. Each student will have the opportunity to learn correct singing techniques and combine these with creative movement. Students will be required to attend performances, rehearsals, and competitions which could be outside the school day. These outside activities will be a factor in determination of the grade.

3082 Tiger Mystique – Treble Show Choir:

(2 semesters – Credit Value 2)

Prerequisite: Audition and enrolled in Treble Chamber Choir (This Class will be scheduled M-F at 2:35 p.m.)

Grade: 10, 11, and 12

Show Choir is for students with an exceptional voice and a flair for the dramatic. Membership in this class is based on singing ability and dance experience with an emphasis on vocal and dance productions. Each student will have the opportunity to learn correct singing techniques and combine these with creative movement. Students will be required to attend performances, rehearsals, and competitions which will be outside the school day. The outside activities will be a factor in determining the grade.

3023 Vocal Studio:

(2 Semesters – Credit Value: 2)

Prerequisite: Enrolled in any concert choir

Grade: 10, 11, and 12

Vocal Studio is an advanced study of vocal technique, music theory, private voice training, and other studies associated with vocal training. This class is designed for students who may wish to study music after high school and or make a career from singing or teaching singing.

307405 Honors Jazz Choir

(2 Semesters - Credit Value: 2)

Prerequisite: Application and director approval

Grade: 10, 11, and 12

Choir honors courses are for students wishing to challenge themselves with innovative curriculum beyond what is taught in the standard course.

BROKEN ARROW HIGH SCHOOL COURSES

Speech & Communications

4011 Intro to Speech I:

(1 Semester – Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

This one-semester course offers an overview of the process of communication and provides a variety of public speaking and performance experiences. Students will develop critical speaking and listening skills. Required speeches and performances included are prepared and limited prep speeches, poetry, prose, readers theatre, voiceover, etc... This course satisfies the speech & communications graduation requirement.

Competitive Speech II, III, IV:

(2 Semester – Credit Value: 2)

Prerequisite: Speech I or teacher approval

Grade: 10, 11, and 12

Competitive Speech covers in-depth analysis of interpretative events, acting events, and speaking events for competition; students prepare events using in-class time. Students will perform in a wide variety of competitive events; such as dramatic and humorous interpretation, duo interpretation, program of interpretation, original oratory, informative speaking, extemporaneous speaking, storytelling, and student congress. Participation with the Speech/Debate team is required. Assistance with the Broken Arrow Speech and Debate Tournament is REQUIRED. This course satisfies the speech & communications graduation requirement

422110 Speech Team:

(2 Semesters - Credit Value: 2)

Prerequisite: Currently enrolled or completed Speech I

Grade: 10, 11, and 12

Competitive Speech is a required class for students chosen to be on the speech and debate team and is offered as a 7th hour elective. Students from grades 9-12 may enroll in this class so long as they are enrolled in or have completed Speech 1. This class emphasizes "Public Forum" and traditional "Lincoln-Douglas" debate events as well as individual speaking events. From a competitive standpoint, this class is application and practice of concepts learned in Debate 1 and 2 with a goal of excelling in local and national competitive speech. Students from any of Broken Arrow's Academies are eligible to compete. This course satisfies the speech & communications graduation requirement.

5560 AP Seminar:

(2 Semesters - Credit Value: 2) (GPA Weight +2.0)

Grade: 11 and 12

AP Seminar is a year-long course that has students investigate real- world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of

a team. In May, students should plan to take the Advanced Placement exam for possible college credit (Colleges determine credits earned). A fee is charged to take the AP exam. This course will count as a Speech credit.

4015 Debate I:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

Debate I will cover argumentation skills, logical thinking skills, research skills, communication skills, and multiple types of debates. Students participate during in-class debates against their classmates. Participation with the Speech/Debate Team is optional. This course satisfies the speech & communications graduation requirement.

Competitive Debate II, III, IV:

(2 Semesters - Credit Value: 2)

Prerequisite: Debate I

Grade: 10, 11, and 12

Competitive Debate covers in-depth analysis of debate topics, argumentation skills, and research skills. Students will participate in practice debates in class and prepare cases for competitions. Students will compete in various debate events including: Lincoln-Douglas debate, Public Forum debate, and Congressional debate. Participation with the Speech/Debate Team is REQUIRED. This course satisfies the speech & communications graduation requirement.

422410 Debate Team:

(2 Semesters - Credit Value: 2)

Prerequisite: Currently enrolled or completed Debate I

Grade: 10, 11, and 12

Competitive Debate is a required class for students chosen to be on the speech and debate team and is offered as a 7th hour elective. Students from grades 9-12 may enroll in this class so long as they are enrolled in or have completed Debate 1. This class emphasizes "Public Forum" and traditional "Lincoln-Douglas" debate events as well as individual speaking events. From a competitive standpoint, this class is application and practice of concepts learned in Debate 1 and 2 with a goal of excelling in local and national competitive debate. Students from any of Broken Arrow's Academies are eligible to compete. This course satisfies the speech & communications graduation requirement.

Broken Arrow High School ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

AP Electives

5560 AP Seminar:

(2 Semesters - Credit Value: 2) (GPA Weight +2.0)

Grade: 11 and 12

AP Seminar is a year-long course that has students investigate real-world issues from multiple perspectives. Students learn to synthesize information from different sources, develop their own lines of reasoning in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. In May, students should plan to take the Advanced Placement exam for possible college credit (Colleges determine credits earned). A fee is charged to take the AP exam. This course will count as a Fine Arts credit.

5561 AP Research:

(2 Semesters, Credit Value:2)(GPA Weight +2.0)

Grade: 12

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense. This course will count as an English IV course if the student has completed AP Seminar with a passing grade.

Language Arts Electives

4301 Creative Writing:

(1 Semester - Credit Value: 1)

Prerequisite: None

Recommended: Minimum English grade of “C”

Grade: 9, 10, 11 and 12

This course is for students who enjoy writing and have interest in writing for a career. Emphasis is placed on self-expression and molding creativity into cohesive written work. Students will explore a variety of published pieces in different genres, and apply effective techniques in their own writing. The study of different genres allows students the opportunity to identify personal interests and strengths. This course will not meet OK Promise or NCAA requirements.

430211 Advanced Creative Writing:

(2 Semesters- Credit Value 2)(GPA Weight +1)

Prerequisite: Creative Writing

Required: Minimum CW grade of “B”

Grade: 11 and 12

Students will hone the writing skills developed in Creative Writing. Students will seriously evaluate published writing examples, which will include a style analysis essay. Students will engage in writing workshops that will prepare them for public readings and publication. Students will develop a strong consistent writing work ethic by developing a semester-long project/portfolio in the genre of their choosing. This course will not meet OK Promise or NCAA requirements.

4250 Poetry:

(1 Semester- Credit Value: 1)

Grade Level: 10, 11, and 12

This course is designed to be both a study of major movements in the history of poetry as well as an introduction to writing poetry. Students will engage in analyzing poetry and will evaluate poetic techniques (imagery, metaphor, meter, etc.) in written responses. Students will produce an academic essay focused on a poet of their choosing. They will also create a poetry portfolio of their own work over the course of the semester. The course will implement many other fun and creative ways of engaging with poetry as a means of expression.

406330E English Language Development Beginner 406340E English Language Development Intermediate 406350E English Language Development Advanced

(1 Semester - Credit Value: 1)

Prerequisite: ACCESS Test Score

Grade: 10, 11 and 12

This course is designed for students who scored as LEP on the ACCESS for EL test. It is designed to assist EL students develop study skills and learning strategies to be successful in content classrooms. The students will refine research and writing skills. They will develop content vocabulary.

4230 Film is Lit

(1 Semester – Credit Value: 1)

Prerequisite: None

Grade: 11 and 12

Film Literature is a study of how literature is adapted for film or media and includes role playing as film directors for selected screen scenes. Students read about the history of film, the reflection or influence of film on the culture, and issues of interpretation, production and adaptation. Students examine the visual interpretation of literary techniques and auditory language in film and the limitations or special capacities of film versus text to present a literary work. Students analyze how films portray the human condition and the roles of men and women and the various ethnic or cultural minorities in the past and present.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

Social Studies Electives

5641 Psychology:

(1 Semester - Credit Value: 1) N

Prerequisite: None

Grade: 11 and 12

Psychology is the study of the inner workings of individual human beings. The introductory course covers such topics as personality development, stress, mental disorders, therapy, memory and intelligence. Lessons are very interactive, incorporating demonstrations and experiences with content material.

5720 Sociology:

(1 Semester - Credit Value: 1) N

Prerequisite: None

Grade: 11 and 12

Sociology is the study of social life, social change and the social causes and consequences of human behavior. Sociology addresses the most challenging issues of our time and how people react to them. Since all human behavior is social, the subject matter covered ranges from the intimate family to the hostile mob, from organized crime to religious cults and to the divisions of race, gender and social class as well as how the media contributes to all these issues.

5755 Criminology:

(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 11 and 12

In today's world, crime and deviant behavior rank at or near the top of many people's concerns. In this course, we will study the field of Criminology - the study of crime. We will look at possible explanations for crime from the standpoint of legal, psychological, biological, and sociological perspectives; explore the categories and social consequences of crime; and investigate how the criminal justice system handles not only criminals, but also their misdeeds. This course will study why some individuals commit crimes while others do not, aspects in our culture and society that promote crime and deviance, different punishments given for the same crime. What factors from arrest to punishment help shape the criminal case processes. How we identify injustice and create reform to improve our criminal justice process.

Math Electives

4770 Math of Finance:

(2 Semesters - Credit Value: 2)

Prerequisite: Algebra II

Grade: 12

This course offers an application-based approach to personal finance incorporating Algebra I, Algebra II and Geometry. Students will learn about investments, credit, automobile expenses, insurance, income tax and other financial topics. This course will meet the requirements for the Oklahoma State Personal Financial Literacy Passport. Does NOT meet NCAA or Oklahoma Promise requirements.

4450 Math Ready:

(2 Semesters - Credit Value: 2)

Prerequisite: ACT Math score of 13-18, SAT math score of 320-500, and completion of Algebra II

Grade: 12

This course is designed for high school seniors who have completed Algebra I, Geometry, and Algebra II and need a transition course to get them ready for college-level coursework. The course emphasizes understanding of mathematics concepts by engaging students in real-world applications; CCMR develops critical-thinking skills that students will use in college and their careers. Students have the opportunity to improve their ACT or SAT scores, reduce the need for college remediation, and engage in collaborative mathematics learning opportunities. This class will earn students an elective credit towards graduation requirements.

4418 Intermediate Algebra:

(2 Semesters - Credit Value: 2)

Prerequisite: Algebra I and Geometry and "C" or below in Algebra I and Geometry

Grade: 11 and 12

This course is for students who need to continue strengthening mathematics concepts before advancing to Algebra 2 or post high school mathematics curriculum. Intermediate Algebra will focus on building a foundation of linear and quadratic functions, graphing basic functions, simplifying polynomials, factoring and solving polynomial equations, simplifying radicals and simplifying basic rational expressions. This course does not meet college core credit requirements and the Core Waiver must be signed if Algebra II is not taken after this course. Does NOT meet NCAA or Oklahoma Promise requirements.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

Computer Science/Business/ Marketing Electives

255110 Chromebook Desk:

(2 Semester - Credit Value: 2)

Prerequisite: Application & Interview

Grade: 10, 11, and 12

Students will use critical thinking, troubleshooting, and customer service skills to assess problems and repair chrome devices. They will be defining the best approach to addressing or solving a problem. In addition to solving problems for their classmates and teachers, students will be required to complete several projects that address problems or solutions in educational technology integration. Students will be required to use database to track repairs.

276020 Ethical Leadership:

(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

This course is a principles-based ethics course introducing students to key leadership and ethical knowledge and skills, including integrity, trust, accountability, transparency, fairness, respect, rule of law, and viability. Students apply ethical principles to contemporary, real-world situations that teens and young adults often encounter in school, at home, with friends, and entry-level job positions. They examine the concept of ethical leadership and strengthen their leadership and ethical decision-making skills through the planning, implementation, and evaluation of a class service-learning project.

241060 Customer Service:

(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

This is a course of study in basic customer service concepts with an emphasis on exploring elements of the service industry, assessing customer needs, educating customers, selling processes, solving problems, making decisions, leading others, working in teams, applying technology, organizing and planning, building consensus, and setting goals. Students learn competencies required to pass industry certifications and secure and hold jobs.

8299 Customer Assistance

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 11 and 12

This course provides students with customer service concepts, including assessing customer needs, educating customers, solving problems, and making decisions. Students learn competencies required to pass industry certifications in addition to securing and holding jobs.

8107 Accounting I:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 11 and 12

This course will provide students with a strong foundation in generally accepted accounting principles and techniques needed for success in careers in accounting or other business-related fields. Students will learn to analyze, journalize and post daily transactions as well as prepare financial statements and complete fiscal period end activities. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization. Many facets of classroom curriculum cannot be achieved without DECA membership; therefore, DECA membership is highly recommended.

8602 Marketing Fundamentals:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

This is a course of study in the basic marketing concepts and foundations with an emphasis on the application of technology to perform marketing duties/tasks and software applications including the use of word processing, databases, spreadsheets, and graphics. Course content includes topics related to human relations, math, communication, economics, selling, promotion, risk management, distribution, and marketing trends. Students learn office and job safety, competencies required to secure and hold jobs. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization. Many facets of classroom curriculum cannot be achieved without DECA membership; therefore, DECA membership is highly recommended.

8113 Business Management and Supervision:

(2 Semesters - Credit Value: 2)

Prerequisite: Marketing Fundamentals

Grade: 11 and 12

This is a course of study involving planning, organizing, directing, and controlling the use of an organization's resources to effectively and economically to attain its objectives. Students learn the art and science of management and supervision in problem-solving, decision making and working with and through other people to accomplish common goals. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization. Many facets of classroom curriculum cannot be achieved without DECA membership; therefore, DECA membership is highly recommended.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

8179 Intro to Entrepreneurship:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 11 and 12

This course is for students interested in starting their own business. It will be necessary to analyze data (demographic, psychographic) to find unfulfilled niches in existing markets. They will have to determine where to locate, how to raise funds, how to legally set up a business, comply with all applicable laws and hire employees. Students will develop leadership traits and identify their leadership potential through participation in DECA, the marketing student organization. Many facets of classroom curriculum cannot be achieved without DECA membership; therefore, DECA membership is highly recommended.

ArrowVision Digital Media and Journalism Electives

4112 Intro to ArrowVision:

(2 Semesters - Credit Value: 2)

Prerequisite: Application (Canvas or BAHS Main 104 or 106)

Grade: 9, 10, 11, and 12

Students in this course will develop an understanding of the past, present and future of journalism and digital media. They will explore career opportunities, college majors, and receive hands on experience in multiple media platforms. This class will teach students proper camera techniques, editing skills, lighting, audio, studio production, as well as field and "run and gun" techniques. Students will learn Apple's Final Cut Pro X and Motion as well as Adobe Creative Cloud. Students will learn to write stories, conduct interviews and create video content using the 4A's of ArrowVision. (Academics, Arts, Athletics, Activities.)

430220 Creative Media Production I:

(2 Semesters – Credit Value: 2)

Prerequisite: Application (Canvas or BAHS Main 104 or 106)

Grade: 10, 11, and 12

Students in this course will be responsible for the monthly show, "The Pulse." They will work together to create an entertaining, engaging and informative show telling the stories of BAHS students and staff through digital storytelling techniques learned in previous ArrowVision classes. Students will strive to be the heartbeat of BAHS, contributing creative digital media content such as podcasts, short videos, skits, promos and more to @BAHSPulse social media accounts and YouTube. This course requires students to participate, promote and attend at least three after school events during each semester. This course will prepare students for a possible career in video content creation, social media, TV broadcasting, traditional journalism, filmmaking, and all digital media platforms.

430230 Creative Media Production II:

(2 Semesters – Credit Value: 2)

Prerequisite: Application (Canvas or BAHS Main 104 or 106)

Grade: 10, 11, and 12

Students in this course will work together to produce Broken Arrow High School's official weekly morning show, Good Morning Broken Arrow. (GMBA)

Learn how to collaborate and produce an entertaining, engaging and informative weekly show as well as other digital media content for all ArrowVision and BAHSPulse social platforms. Teamwork, script writing, pre-production and advanced post production will be essential to the experience of this class. In addition to GMBA this class will be responsible for the new weekly BAHSPulse podcast and other creative forms of media creation and communication to keep students in the know at BAHS. This course will further prepare students for a possible career in video content creation, social media, TV broadcasting, traditional journalism, filmmaking, and all digital media platforms.

430240 Sports Digital Media & Marketing:

(2 Semesters – Credit Value: 2)

Prerequisite: Application (Canvas or BAHS Main 104 or 106)

Grade: 10, 11, and 12

Sports Digital Media and Marketing will give students valuable hands-on experience as they explore the many career opportunities in this field. It will present students with the opportunity to be a part of ArrowVision's live event production in a variety of roles, as well as work with BAHS athletic teams by becoming their sports information coordinator. Stay involved and be a part of the team in a new and exciting way, learn about the world of athletics digital media and sports information. Be the pulse of a team by handling their social media accounts, traveling with the team to do video, photo and more. Students also have the opportunity to learn play-by-play and color commentary, assist in the production of studio sports shows, help promote Tiger athletic events and more. Students in this class will work with ArrowVision and the BA athletic department in developing ways to promote teams and the Tiger brand through digital media and fundamental marketing and promotional techniques. This class will enhance multiple skill sets in the arena of the highly popular field of sports media and marketing.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

430250 Filmmaking and Modern Media Production:

(2 Semesters – Credit Value: 2)

Prerequisite: Application (Canvas or BAHS Main 104 or 106)

Grade: 10, 11, and 12

In Filmmaking and Modern Media Production, students will develop an understanding of film history and evolution into today's world of filmmaking. This class will learn about both narrative and documentary filmmaking and create their own short films and other projects such as music videos, school promos, vlogs, corporate commercial projects and more. A new kind of filmmaker has emerged in the world of YouTube and social media driven content and with it many new career opportunities which will be explored in this class. Our students will create for both the BAHSPulse YouTube channel and other BA social media accounts. Students will enter their content in local and national high school film festivals. This class will give students an understanding of critical analysis of film, shot composition, story structure, pacing, editing, and more. Students will work together to critique and help improve each other's films to get them ready to submit to student film festivals. This hands-on class will teach students proper camera techniques, editing skills, lighting, audio, studio production, as well as field and "run and gun" techniques. Students will learn Apple's Final Cut Pro X and Motion as well as the Adobe Creative Cloud suite.

4111 Social Media & Content Management:

(2 Semesters - Credit Value: 2)

Prerequisite: Application (Canvas or BAHS Main 104 or 106)

Grade: 10, 11, and 12

The world of journalism is constantly changing as new methods of creating and consuming digital media content are introduced. This class is for students who want to learn and work with the latest technology and understand how to deliver the news and communicate professionally. This course offers the student experience in various types of journalistic writing, editing, layout design, social media and website management, and digital media content creation. Students in this course will be in charge of BAHSPulse YouTube channel and the @BAHSPulse social media accounts by creating a content calendar and using social media management software. Students will also have the opportunity to create original content for the site, working with writers to provide accompanying video features and more. Students will be responsible for the creation of a new BAHS Magazine by using InDesign and other Adobe Creative Cloud software. Hands-on experience and state of the art equipment will prepare students for many possible opportunities in college and careers in the various fields of convergence journalism and digital media.

4240 Yearbook I:

(2 Semesters - Credit Value: 2)

Prerequisite: Application required

Grade: 10, 11, and 12

This course offers the student experience in various types of writing, editing and layout design. Students are responsible for publication of the school yearbook. The students may be required to work outside of the school day.

424010 Yearbook II:

(2 Semesters - Credit Value: 2)

Prerequisite: Application required

Grade: 10, 11, and 12

This course offers the student experience in various types of writing, editing and layout design. Students are responsible for publication of the school yearbook. The students may be required to work outside of the school day.

424020 Yearbook III:

(2 Semesters - Credit Value: 2)

Prerequisite: Application required

Grade: 10, 11, and 12

This course offers the student experience in various types of writing, editing and layout design. Students are responsible for publication of the school yearbook. The students may be required to work outside of the school day.

424030 Yearbook IV:

(2 Semesters - Credit Value: 2)

Prerequisite: Application required

Grade: 10, 11, and 12

This course offers the student experience in various types of writing, editing and layout design. Students are responsible for publication of the school yearbook. The students may be required to work outside of the school day.

276011 Yearbook Editorial Leadership:

(2 Semesters - Credit Value: 2)

Prerequisite: Application/Approval required, Teacher approval, current enrollment in additional yearbook course

Grade: 10, 11, and 12

Students in this course have been chosen as the editorial board for yearbook publication. Editors will focus on leadership skills needed to appropriately manage and motivate a staff of students to produce the yearbook. Editors will set goals for the staff, organize publication

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

production, manage deadline requirements, and make editorial design decisions. Editors will oversee writing, photography, design, and production of the current yearbook by the yearbook staff. These students may be required to work outside of the school day.

Career Tech - Graphic Design, Photography, & Illustration Electives

8149 Desktop Publishing & Graphic Design (A):

(2 Semesters –Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

This class is an introduction into Commercial Art and Photography. It is a project driven class that takes students through Adobe Photoshop, Adobe InDesign and Adobe Illustrator. As they progress, students will develop their skills in photography, digital graphics and advertising while utilizing the Adobe Software programs. Students are encouraged to develop a portfolio, turn in weekly photography and have the option of completing the AP 2D Art Portfolio exam in the spring semester. Students are required to participate in an art show and actively work toward career preparation throughout the class.

8150 Multimedia & Image Management Techniques (B):

(2 Semesters –Credit Value: 2)

Prerequisite: Desktop/Digital Graphics (A)

Grade: 11 and 12

This class is a second level class into Commercial Art, Illustration, the basics of web design and photography. It is a project driven class that takes students through Adobe Illustrator, Adobe Muse and Adobe InDesign as well as a refresher in Adobe Photoshop. As they progress, students will develop their skills in photography, digital graphics and advertising while utilizing the Adobe Software programs. Students are encouraged to develop a portfolio, are required to turn in weekly photography and have the option of completing the AP 2D Art Portfolio exam in the spring semester. Students are required to participate in an art show and actively work toward career preparation throughout the class.

8151 Digital Editing and Production Photography (C):

(2 Semesters –Credit Value: 2)

Prerequisite: Desktop/Digital Graphics (A), Multimedia and Image Management Techniques (B)

Grade: 11 and 12

This class is a third level class into Photography and Web Design. It is a project driven class that takes students through Adobe Light room, Camera Raw, Adobe Illustrator, Adobe Muse and Adobe InDesign as well as a refresher in Adobe Photoshop. As they progress, students will develop their skills in photography, digital graphics and advertising while utilizing the Adobe Software programs. Students

are encouraged to develop a portfolio, are required to turn in weekly photography and have the option of completing the AP 2D Art Portfolio exam in the spring semester. Students are required to participate in an art show and actively work toward career preparation throughout the class.

8106 Desktop Publishing Capstone (D):

(2 Semesters –Credit Value: 2)

Prerequisite: Desktop/Digital Graphics (A), Multimedia and Image Management Techniques (B), Digital Editing and Production Photography (C)

Grade: 12

This class is by application only. It is a self-directed portfolio driven class meant to give the student time and experience in working professionally and developing their professional website and working toward owning a business and obtaining a scholarship in photography/ art and design in college. It is the utilization of all of the skills learned in the previous classes as they work toward their final senior show and the completion of their portfolio. The AP 2D Design Portfolio is required if not already completed.

Leadership Electives

2740 PSAT/SAT Prep Course:

(1 Semester – Credit Value: 1) No Prerequisite

Prerequisite: None

Grade: 10, 11, and 12

Students will practice SAT and PSAT problems and will learn appropriate test-taking strategies for those tests. The goal of the class will be for

all students to significantly increase their scores on the SAT and/or PSAT test to increase college acceptance opportunities and college scholarship opportunities including the prestigious National Merit Scholarship Program. The classes will be taught by a certified English teacher and a certified Math teacher. Students interested in taking this course for the National Merit Scholarship Program must take this course in the spring of their sophomore year or fall of their junior year.

275510 Orientation to College:

(1 semester – Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

This course is designed to prepare students for the rigor of taking TCC concurrent courses. Topics include campus resources, goal setting, time management, critical thinking skills, study skills, and college policies. Students will think clearly and critically on their own about academic topics, create a 2-4 year college degree plan, and will understand academic expectations and what it means to be a successful student. Students will leave this course more informed and prepared for their college experience.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

2760: Applied Leadership & Communications:

(1 or 2 Semesters - Credit Value: 1 or 2)

Prerequisite: Application required

Grade: 9, 10, 11, and 12

This class is designed for aspiring leaders and students who are interested in improving leadership skills and engagement in school activities. Goal setting, decision making, team building, effective communication and leadership theory are studied and put into practice through involvement in school activities and community projects. This course satisfies the speech & communications graduation requirement.

276010 Advanced Leadership & Communications:

(2 Semesters - Credit Value: 2)

Prerequisite: Application or election to office required

Grade: 10, 11, and 12

This class is designed for student leaders, officers, or appointed chairpersons who will focus on improvement and application of leadership skills and activities. Goal setting, decision making, team building, effective communication and leadership theory are studied and put into practice through involvement in school and community projects. There will be one section for student council and class officers and one section for other advanced students invited to take the course. This course satisfies the speech & communications graduation requirement.

277511 BA Job Ready

(2 Semesters - Credit Value: 2)

Prerequisite: Referral from Counselor and Teacher Interview

Grade: 10, 11, and 12

BA Job Ready is a great bridge for students needing an extra push to the next level. The main goal of the program is to prepare the students for their next steps in life. Whether it is college, military, or the workforce, BA Job Ready wants you to be prepared for whatever it may be.

274510 Tiger Challenge Leadership & Communications:

(1 or 2 semesters- Credit Value 1 or 2)

Prerequisite: Teacher approval

Grade: 10, 11, and 12

This active leadership class contributes to the community and builds practical leadership skills. It teaches Tenacity, Integrity, Gratitude, Expectations, and Respect in a variety of ways including greeting new students, mentoring elementary students and creating an atmosphere of kindness at BAHS. This course satisfies the speech & communications graduation requirement.

275520 E-Sports:

(2 Semesters – Credit Value 2)

Prerequisite: Application from Teacher

Grade: 9, 10, 11, and 12

This course will support participating on the Broken Arrow competitive E-Sports team. Students will learn and demonstrate understanding of movement concepts, principles, strategies, and tactics as they apply to the learning and performance of specific games. Students will use goal- setting and decision-making skills to enhance gaming success.

Internship Electives

Teaching Internship:

279040 for Juniors /279041 for Seniors

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 11 and 12

Students enrolling in this course have a unique opportunity to earn credits while helping special needs students on campus. Students will be responsible for role modeling appropriate social behaviors. Students will learn more about special needs students while participating with the students and completing assignments regarding the education of the exceptional child.

279011 Office Internship:

(2 Semesters - Credit Value: 2)

Prerequisite: Administrative Approval

Grade: 12

This course is an introduction to office procedures and concepts which focus on skills necessary for office workers at every level. Skills addressed include effective communication, telephone and business office etiquette, public relations, filing and copying procedures. Students will be assigned to a school office or computer lab and will perform a variety of tasks including running errands. Written course work is required including a final exam.

Employment Skills Internship:

279030 for Juniors/279031 for Junior additional hours

279061 for Seniors/279070 for Senior additional hours

(2 Semesters- Credit Value: up to 4 credits depending on hours worked)

Prerequisite: Application

Grade: 11 and 12

This internship course offers students the opportunity to explore a job site and be paid by an employer. Students can earn high school credit for employment by participating in paid educational activities that correspond to their employer's objectives. Up to 2 credit hours may be earned per semester to be determined by number of hours worked. Applications may be obtained in the counseling office.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

Career Pathway Internship:

279060 for Juniors/279071, 279080 for Junior additional hours
279081 for Seniors/279090, 279091 for Senior additional hours
(1-3 hours; 2 Semesters – Credit Value: 2-6)

Grade: 11 and 12

The Career Pathway Internship provides students a form of experimental learning and skills development in a professional setting with established BAPS business partners. Internships provide students the opportunity to gain valuable applied experience and make connections in professional fields they are considering for career paths, as well as give employers the opportunity to guide and evaluate talent. Many of these opportunities offer paid internships. Please fill out an application in the College/Career Office and to find out available internships

Physical Education

332030 Physical Education/Team Sports:

332031-use only if you take PE/Team Sports 1st Semester and you want it 2nd Semester also, otherwise use main code.

(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 9, 10, 11, and 12

A well-rounded area of fitness course covering many different types of physical activity, as well as contributing to the student's mental and social development. This course includes basketball, softball, soccer, Volleyball and other sports. Students provide their own school approved athletic wear and athletic shoes.

332040 Weightlifting:

332041-use only if you take Weightlifting 1st Semester and you want it 2nd Semester also, otherwise use main code.

(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 9, 10, 11, and 12

This course is designed to improve students physically in preparation for all sports or for self-improvement. The course includes technique and instruction in conditioning, Strength training and powerlifting. Students provide their own school approved athletic wear and athletic shoes.

3320 Group Fitness/Zumba:

332010 -use only if you take Group Fitness/Zumba 1st Semester and you want it 2nd Semester also, otherwise use main code.
(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

This active group fitness class is designed to increase student physical fitness levels in a fun, yet challenging atmosphere. Activities include, Zumba, Boot Camp, Pump; Pilates, Walking, 5K Training, Stair Climbing, Interval Training, Core and Muscular Training. General fitness, Nutrition, Eating Disorders and subjects involving personal Self-Esteem are also discussed. Students provide their own school approved athletic wear and athletic shoes.

332020 Walk to Fitness:

332021 -use only if you take Walk to Fitness 1st Semester and you want it 2nd Semester also, otherwise use main code.
(1 Semester - Credit Value: 1)

Prerequisite: None

Grade: 10, 11, and 12

This class will help the student get from the couch (Inactive) to being able to walk/jog a 5K. It will focus on the beginning fitness stages and progress to a more advanced walking/running program. Nutrition, Core Training, Stretching and Technology will also be implemented. Students provide their own school approved athletic wear and athletic shoes. Walking/Running shoes are required.

332090 Sports/Football Weightlifting:

(2 Semesters- Credit Value:2)

Prerequisite: Application Required

Grade: 10, 11, and 12

This class is for athletes in certain sports to sign up and get more training, conditioning, and weightlifting during their school day.

3310 Sports Medicine:

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 10 and 11

This course is designed for students seeking a path or interest into healthcare fields. This course would include discussion about members of the sports medicine team (athletic training, physical therapy, medicine, exercise physiology, doctors, nursing, biomechanics, nutrition, psychology, and radiology will benefit from this course). Topics that will be covered are nutrition, protective sports equipment, environmental safety issues, taping and wrapping, mechanisms of injury and application of other sports medicine concepts. The students enrolled in this class will not provide any patient care. Students will become certified in first aid care, CPR & AED trained. This course will be REQUIRED to apply to become a student athletic trainer aide for 6th hour athletics.

Broken Arrow High School ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

JROTC Electives



2720 US Air Force JROTC I & Communications:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 9, 10, 11, and 12

The curriculum focuses on three areas: Leadership Education, Aerospace History, and Physical Fitness. Students have the chance to be involved in many curricular activities including drill team, physical training team, dances, field trips and community service. Career-minded students will learn about jobs in the Air Force that will provide important opportunities for the future. High school students who complete the Aerospace Science Program I in AFJROTC may be able to enter the military at pay grades higher than most enlistees. This course satisfies the speech & communications graduation requirement.

272010 US Air Force JROTC II & Communications:

(2 Semesters - Credit Value: 2)

Prerequisite: Successful completion of AFJROTC I and AFJROTC instructor's permission.

Grade: 10, 11, and 12

AFJROTC II is the continuation of AFJROTC I for second year AFJROTC cadets. It consists of Aerospace Studies, designed to acquaint the student with the aerospace environment, the human requirements for flight, principles of aircraft flight and principles of aviation. In addition, a Leadership Education course of instruction will be taught, stressing communication skills and cadet corps activities. All cadets will be required to wear the uniform and participate in physical fitness activities and military drill and ceremonies, as well as corps projects. This course satisfies the speech & communications graduation requirement.

272030 Air Force JROTC III & Communications:

(2 Semesters- Credit Value:2)

Prerequisite: Successful completion of AFJROTC II and AFJROTC instructor's permission.

Grade: 11 and 12

AFJROTC III is the continuation of AFJROTC II for third year AFJROTC cadets. Course curriculum involves an Aerospace Science component.

Options include the study of rocketry and space and the area studies. In addition, a Leadership Education course of instruction will be taught, stressing life skills and cadet corps activities. All cadets will be required to wear the uniform and participate in physical fitness activities and military drill and ceremonies, as well as corps projects. This course satisfies the speech & communications graduation requirement.

272040 Air Force JROTC IV & Communications:

(2 Semesters- Credit Value-2)

Prerequisite: Successful completion of AFJROTC III and AFJROTC instructor's approval.

Grade: 11 and 12

AFJROTC IV is the continuation of AFJROTC III for fourth year AFJROTC cadets. Course curriculum includes managing the cadet corps and leading first through third year cadets. In addition, a Leadership Education course of instruction will be taught. All cadets will be required to wear the uniform and participate in physical fitness activities and military drill and ceremonies, as well as corps projects. This course satisfies the speech & communications graduation requirement.

272020 Air Force JROTC Leadership:

(2 Semesters- Credit Value-2)

Prerequisite: Successful completion of JROTC 1 and 2, application and instructor selection.

Grade: 11 and 12

Leadership is a class for third year cadets who are ready to take a leadership role in the cadet corps. Leadership cadets are responsible for assisting the instructors and leading the first and second year cadets. The curriculum is similar to the JROTC 3 and involves aerospace science, leadership and physical fitness. All cadets will be required to wear the uniform and participate in physical fitness activities and military drill and ceremonies, as well as corps projects.

Athletic Courses

Athletic participation is available to boys and girls in a variety of sports. When enrolling in an athletic sport, the student will remain in that class for the duration of the semester. Athletics require a tryout for acceptance in the 6th hr. program. Acceptance in 6th hr. athletics will be based on coach's decisions regarding the student's performance.

- » 333082 Boys Golf
- » 333083 Girls Golf
- » 333011 Softball
- » 333050 Volleyball
- » 333070 JV Cheerleading
- » 333071 Cheerleading - Varsity
- » 333072 JV Tigettes
- » 333073 Varsity Tigettes
- » 333030 Football
- » 333040 Swimming
- » 333020 Boys Basketball
- » 333021 Girls Basketball
- » 333060 Boys Wrestling
- » 333061 Girls Wrestling
- » 333084 Boys Soccer
- » 333085 Girls Soccer
- » 333086 Boys Tennis
- » 333087 Girls Tennis
- » 333010 Baseball
- » 333090 Boys Track
- » 333091 Girls Track
- » 333080 Boys Cross Country
- » 333081 Girls Cross Country

Broken Arrow High School ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

» 3330 Athletic Trainer (10th through 12th only)

Seniors enrolled in football, softball and volleyball will need to enroll in a second semester elective. For further details of specific sports, contact the athletic department: Dr. Dustin Smith, Executive Athletic Director, Athletic Office: 918-259-5900

Vanguard Academy Electives

Students will be transported to Vanguard Academy for these courses



271510 Outward Bound:

(2 hour, 2 Semesters - Credit Value: 4)

Prerequisite: None

Grade: 10, 11, and 12

Outward Bound provides activities designed to introduce various outdoor skills that will enhance both mental and physical well-being. Emphasis on: skill development, safety practices, responsibility, teamwork and self-awareness through experiential learning. Skills include, but are not limited to: hiking, biking, canoeing, cooperative games, ropes initiatives, orienteering, camping, archery and a variety of outdoor experiences.



887420 Unmanned Aerial Vehicles:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

Students will receive a basic overview of unmanned aerial vehicles and how they function and fly. Students will also learn to fly effectively without GPS and discuss how drones are currently being deployed for commercial and public safety use.



8256 Cybersecurity Basics: This course is located on Vanguard Campus

(2 Semesters – Credit Value: 2) c.c.

Prerequisite: None

Grade: 10, 11, and 12

Cybersecurity is a full-year course that exposes high school students to the ever growing and far reaching field of cybersecurity. Students accomplish this through problem-based learning, where students role-play as cybersecurity experts and train as cybersecurity experts do. The course integrates Computer Science Teachers Association (CSTA) standards. Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, “outside-the-box” thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security.



8833 Robotic Engineering:

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

Students will learn to design, build, program, and control robotic devices. A rigorous study and application of electrical concepts will include: sources of energy, electrical safety, use, and identification of basic electronic components, sensors, and actuators. Engineering concepts will include: mechanical design, prototype development, design testing, programming, and proper engineering documentation.



8874 Aviation I:

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 9

The fields of aeronautics and aerospace engineering are the focus of this engaging course that includes topics of study such as aerospace information systems, astronautics, rocketry, and propulsion, the biology and physics of space science, principles of aeronautics, structures and materials, and systems engineering. Students continue using the national Project Lead The Way (PLTW) model to develop solutions to aerospace problems through the application of engineering, mathematics, and science-related knowledge.



8875 Aviation II:

(2 Semesters – Credit Value: 2)

Prerequisite: Aviation I

Grade: 10

Students will begin with an exploration of the types of aircraft in use today before learning how aircraft are made and how they fly. Students will understand how aircraft are categorized, be able to identify their parts and learn about aircraft construction techniques and materials.

Choose Aerospace

8884 Regulations and Ground Operations

8885 Aircraft Materials and Corrosion Control

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 11 and 12

In the first year of this program, students will complete the Regulations and Ground Operations course during the fall semester and they will complete the Aircraft Materials and Corrosion Control Course in the spring semester. Students who complete a second year of the program will earn credit for Applied Sciences of Aircraft maintenance during the fall semester and they will earn credit for Basic Electricity in the spring semester. The aviation curriculum is designed to place students on the path to FAA Mechanic certification. The curriculum aligns with the Federal Aviation Administration Airman Certification Standards. Students who complete the curriculum can continue their education or go straight into the industry.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.



8004 Introduction to Agri-Science: (2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 10

Agri-Science is designed to introduce students to the broad scope of agriculture and agricultural related industries. In addition, the Ag curriculum provides students with the necessary skills, information and opportunities to experience a variety of occupational and educational clusters and to understand and apply basic concepts in animal science, plant science, record keeping, public speaking, and leadership. Students will also have the opportunity to participate and compete in FFA activities



8009 Introduction to Agricultural Power & Technology: (Ag Power & Technology Pathway):

(2 Semesters - Credit Value: 2)

Prerequisite: Agri-science I; Application

Grade: 10, 11, and 12

This course provides information about the selection, operation, maintenance and use of agricultural power, electronics, electricity, structures, welding, oxyacetylene cutting and cold metal work. Students will be expected to construct a small welding project before completion of the course. It is recommended that all students participate in the FFA program and activities.



8010 Agricultural Power & Technology: (2 Semester - Credit Value: 2)

Prerequisite: Intro to Agri-science and Intro to Agricultural Pwr & Tech

Grade: 10, 11, and 12

This course provides information about the selection, operation, maintenance, and use of agricultural power, electronics, electricity, structures, welding, oxyacetylene cutting and cold metal work. Students will be expected to construct a small welding project before completion of the course. Students are members of the National FFA Organization and have the opportunity to compete in FFA activities.



8011 Agricultural Structures (2 Semesters – Credit Value: 2)

Prerequisite: Intro to Agri-science

Grade: 10, 11, and 12

This course is designed to develop skills and competencies in planning, constructing and maintaining agricultural structures. Content included sketching, drawing, planning, reading, laying out structures, masonry, and some metal fabrication.



8013 Livestock Production (2 Semesters – Credit Value: 2)

Prerequisite: Introduction to Agri-science

Grade: 10, 11, and 12

Students learn information, knowledge, and skills associated with careers and marketing of production livestock. The knowledge gained through this course will be species specific. This curriculum provides laboratory, lecture, and competitive activities through the FFA to students interested in veterinary medicine, livestock production and nutrition, genetics, and laboratory techniques.



8027 Wildlife Science and Management: (2 Semesters – Credit Value: 2)

Prerequisite: Introduction to Agri-science

Grade: 10, 11, and 12

This course provides students interested in wildlife and its conservation and ecology as well as enjoying wildlife through sport hunting and fishing. Course content includes meaning and importance of wildlife species, history of wildlife conservation, safety with wildlife, species identification, endangered species, wildlife biology and ecology, habitat protection and establishment, protection of wildlife, legal regulations, and hunter safety. FFA and supervised experience will be included.



8030 Greenhouse Production and Floral Design (2 Semesters – Credit Value – 2)

Prerequisite: Introduction to Agri-science

Grade: 10, 11, and 12

This course provides students with interests in acquiring knowledge and skill in greenhouse plan production and floral design. Content includes the role and importance of greenhouse production and floral design, safety, plant anatomy and growth, plant propagation, growing structures, climate control, automation, media and plan nutrition, watering, disease and pest management, and cultural practices with bedding plants, including cuttings and layering, bulbs, corms, tubers, and seed-borne flowering crops. Content also includes the history and importance of floral design, care and handling of fresh flowers, principles and practices of design, floral tools and supplies, containers, corsages, boutonnieres, centerpieces, and holiday arrangements. FFA and supervised experience will be included as appropriate.



3731 Intro to Aerosystems (2 Semesters – Credit Value – 2)

Prerequisite: None

Grade: 11 and 12

This course is a foundation of learning for students who are interested in pursuing careers in the modern aerospace manufacturing. Students will have the chance to learn about the wide-ranging capabilities and innovative engineering, finance, manufacturing, and supply chain processes. After completion of course, significant opportunities may be available to students who choose to pursue a career in aerospace and manufacturing. This course is provided and taught by industry leaders in SPIRIT AeroSystems of Tulsa.

Broken Arrow High School

ELECTIVE OPTIONS

The courses listed below do not meet the requirements for college core credit. They do meet elective graduation requirements.

Career Tech Courses/ General Electives

Career Pathways act as a personal GPS system for individuals to find their way to gainful employment and a successful career. Completing a career pathway will provide a student with the knowledge and experience to be able to secure a job or pursue higher education within that pathway with greater success.

VISUAL ARTS-FASHION ASSISTANT PATHWAY

8415 FACS Basics (Family and Consumer Sciences):

(This is the entry level course for all career pathways) (2 Semesters - Credit Value: 2)

Prerequisite: None This course is required if completing a FACS Pathway.

Grade: 10, 11, and 12

FACS curriculum provides students with the basic information and skills needed to function within the family and an ever changing, complex society. Students develop competencies in the areas of nutrition and wellness, food science, safety and sanitation, housing and interior design, early childhood, textiles, interpersonal relationships and career exploration. The student will gain basic life skills that promote a positive influence upon the quality of their life. Leadership opportunities are offered through the student organization, Family Career and Community Leaders of America (FCCLA) where students are highly encouraged to join and participate.

8413 Fashion Design Merchandising:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

This is an introductory course that provides students with the most current information about the basic concepts and business aspects of fashion marketing and merchandising. It introduces students to the field of fashion promotion and provides foundational fashion concepts related to economics, textiles, and design. Basic fashion concepts and marketing terminology, fashion cycles, key components of the fashion industry, retail merchandise categories, and fashion promotion. Current issues related to industry globalization, social media, and sustainability as well as essential career skills and career opportunities will be explored. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

8425 Fashion Construction:

(2 Semesters - Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

This course introduces students to basic apparel design and construction skills. Students will examine the elements and principles of design, plan a wardrobe, how to properly care for clothing, select appropriate fabrics for a selected pattern, learn operations of sewing technology and equipment as well as applying basic sewing skills. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

HEALTH SCIENCES – NUTRITIONAL SCIENCES PATHWAY

8474 Lifetime Nutrition and Wellness:

(2 Semesters –Credit Value: 2)

Prerequisite: None

Grade: 10, 11 and 12

This is a laboratory course in which students use nutrition knowledge to make informed choices to promote lifetime wellness, the importance of healthy eating and physical activity across the life span. Students will learn safe food handling practices, health menu planning and food preparation techniques, and how to recognize sources of stress and healthy strategies to reduce the impact of stress on total wellness. Needs of the competitive athlete are also addressed. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

8472 Food Science:

(2 Semesters –Credit Value: 2)

Prerequisite: None

Grade: 11 and 12

This course is a study of the physical, biological, and chemical makeup of food, the causes of deterioration in food products, the principles underlying food processing, and the improvement of foods for the consuming public. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving regarding consumable foods. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

3542 Construction II (Not available until 2025/2026):

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

This course is a continuation of the Construction 1 course. Students will work on more difficult construction projects and other related construction services such as civil engineering, drafting, and design. Students will be required to enroll in one virtual learning course in another subject to be considered for enrollment.

Broken Arrow High School

ELECTIVE OPTIONS

HUMAN SERVICES PATHWAY

8471 Human Growth and Development:

(2 Semesters –Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

This course is designed to provide basic knowledge of child development and to develop skills necessary to care for children and promote children's development. Students also examine the responsibilities of parenting, teen parenthood, prenatal development, and birth. Students will examine human development across the lifespan from pregnancy to newborn to older adulthood and as people continue to change throughout life. Students will be required to wear the Empathy Belly to simulate the body's response to being nine months pregnant. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

8470 Interpersonal Studies:

(2 Semesters –Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

This class examines adult life management, healthy relationship skills, and marriage and family life. Attention is focused on life skills, decision making, and parenthood and families. Students will participate in a RealCare baby simulation. Student leadership through Family, Career, and Community Leaders of America (FCCLA) is an integral part of this course.

845210 Leadership and Management:

(2 Semesters –Credit Value: 2)

Prerequisite: Must have completed or be completing 240 hours of any FACS course, by teacher selection only

Grade: 10, 11, and 12

This course is designed on the concept that leadership abilities can be learned. Students will study leadership and management skills to be used in employment, community, and or volunteer settings. Experiential learning provides the opportunity to develop skills such as cooperation, teamwork, communication, trust, decision-making, and creative problem-solving. Students will gain skills in the areas of

personal leadership, interpersonal leadership, group/organizational, and community/public policy leadership skills. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course and the FCCLA Leadership Academy.

Industrial Arts/ Technology Education

3541 – Construction I:

(2 Semesters – Credit Value: 2)

Prerequisite: None

Grade: 10, 11, and 12

An introduction to the commercial and residential construction industry and the associated trades. Students will explore opportunities in the field of construction through a blended learning approach including hands-on experiences, field trips, presentations by industry professionals, and classroom work.

3542 Construction II (Not available until 2025/2026):

(2 Semesters – Credit Value: 2)

Prerequisite: 10, 11, and 12

Grade: 10, 11, and 12 This course is a continuation of the Construction 1 course. Students will work on more difficult construction projects and other related construction services such as civil engineering, drafting, and design. Students will be required to enroll in one virtual learning course in another subject to be considered for enrollment.

TULSA TECHNOLOGY CENTER

Tulsa Tech students may earn college credit through a process known as Prior Learning Assessment (PLA) or transfer credit.

Manufacturing Program

8953 Foundations of Manufacturing:

(2 Semesters - Credit Value: 2)

Prerequisite: Application through TTC

Grade: 10, 11, and 12

Students in this course will explore the manufacturing industry by experiencing career fields and employability. Students will also learn how manufacturers use technology to change raw materials into finished products, and through hands-on activities, learn basic skills such as drafting, machining, welding, mechatronics robotics, and aviation manufacturing.

Pre-Engineering Program

8709 Intro to Engineering Design:

(2 Semesters - Credit Value: 2) c.c.

Prerequisite: Application through TTC

Grade: 9, 10, 11, and 12

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects like designing a new toy or improving an existing product. This course is approved for Computer Science/Computer Technology credit and is Oklahoma Promise approved.

8710 Principles of Engineering (POE):

(2 Semesters - Credit Value: 2) c.c.

Prerequisite: Introduction to Engineering Design (IED) OR application through TTC.

Grade: 10, 11, and 12

Students explore a broad range of engineering topics including mechanisms, strength of structure and materials, and automation, and then they apply what they know to take on challenges like designing a self-powered car. This course is approved for Computer Science/Computer Technology credit and is Oklahoma Promise approved.

Tulsa Tech Programs

1011/1014 Business, Management & Administration (BSMA):

Legal Professional Assistant (2yr) Peoria

Medical Health Records Clerk (1yr) Peoria

2011/2014 Architecture & Construction (ARCN):

Carpentry (1 yr.) Lemley & SS

Electrical Trades (1yr) SS

HVAC Technician (2yrs) Lemley

Masonry (1 yr. AM Only) Lemley

Electronic Control Systems (1 yr) SS

Electric Utility Lineworker (2yrs, Seniors Only) SS

Introduction to Construction (1 semester) Lemley

3011/3014 Arts, A/V Technology & Communication (AATC):

Production Printing (1 yr.) SS

Photography (2 yrs. Juniors Only) Owasso

Sound Engineering (1 yr.) Owasso & Riverside

TV Production (2yrs) Riverside

Digital Graphics (1 yr.) SS

Visual Graphic Design (2 yrs.) Riverside

4111/4114 Health Science (HLTH):

Dental Assisting (1 yr.) (Seniors Only) HSC

Health Science Technology (1 yr.) Owasso, Peoria, Sand Springs, Broken Arrow & Riverside

Medical Assisting (1 yr. Seniors Only) HSC & Owasso

Nursing Transitions (1 yr. Seniors Only) Peoria

Sports Medicine & Therapy Professions (1 yr. Seniors Only) HSC

Pharmacy Technician (1 yr. Seniors Only) HSC & Owasso

Vision Care Assistant (1 yr. Seniors Only) HSC

Nursing Assistant (1 semester, Seniors Only) HSC

Emergency Medical Responder/ Emergency Medical Technician (1yr, Seniors Only) Peoria

5011/5014 Information Technology (INFT):

Animation (2 yrs.) Riverside

IT Networking Systems (1 yr) Riverside

Enterprise Network Associate (1 yr.) Riverside

Computer Repair & Network Support (1 yr.) Riverside Owasso

Cyber Security/Forensics (2 yr.) Riverside

Multimedia Design Asst (1 yr.) Riverside

TULSA TECHNOLOGY CENTER

Tulsa Tech students may earn college credit through a process known as Prior Learning Assessment (PLA) or transfer credit.

IT System Administration (2 yrs.)	Riverside Owasso
Mobile App Development (1 yr.)	Riverside

6011/6014 Manufacturing (MANF):

Drafting (2 yrs.)	BA
Certified Machine Technician (2yrs)	BA
Welding Combination (2yrs)	Lemley, Peoria, SS & BA
Mechatronics (2 yrs)	BA
Applied Production Technology (1 yr.)	Owasso

6111/6114 Science, Technology, & Engineering (SCTE):

Advanced Pre-Engineering (2 yrs.)	Lemley
Biomedical Sciences (2yrs. Juniors Only)	Lemley

7011/7014 Hospitality & Tourism (HSPT):

Hospitality & Tourism Management (1 yr)	Owasso
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8011/8014 Finance:

Accounting (1yr)	Peoria
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8101/8104 Marketing:

Business Management/Entrepreneurship (1yr)	Owasso
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9011/9014 Transportation, Distribution & Logistics:

Automotive Maintenance Light Repair (1 yr.)	BA
Automotive Service Technician (2 yrs.)	BA
Collision Refinishing (1yr)	BA
Collision Repair (1yr)	BA
Aerospace Academy (1-2yrs)	Riverside

Law, Public Safety, Corrections, & Security

Criminal Justice Practical Law (1yr)	
(1yr) Juniors Only	Peoria
Medium/Heavy Diesel Service Technician (2yrs)	BA
Motorcycle & Power Equipment (2 yrs)	BA
Aviation Generals (2yrs)	Riverside
Private Pilot Ground School (1yr)	Riverside
Criminal Justice Investigations (1yr) Seniors Only	Peoria

7111/7114 Human Services (HMSV)

Cosmetology (2yrs)	BA, Peoria, SS
Early Care & Education (2yrs) Juniors Only	Peoria

Due to Career Tech buses arriving before the beginning of the regular school day and returning after the completion of the school day, students must have their own transportation to and from school. If they are unable to provide their own transportation to and from school, students should not enroll in a Tulsa Career Tech class.



Morning Career Tech buses

The Career Tech bus will depart from the high school campus prior to 7 a.m. each morning. Students must provide their own transportation to the high school to ride this bus.



Afternoon Career Tech buses

The bus returning from Career Tech will arrive after 3 p.m. and students must have their own transportation home from the high school campus.

Campus Locations

Broken Arrow

Address: 4000 West Florence Broken Arrow, OK 74011
Phone: 918-828-3000

Lemley Memorial Campus

Address: 3420 South Memorial Drive Tulsa, OK 74145
Phone: 918-828-5000

Peoria Campus

Address: 3850 North Peoria Tulsa, OK 74106
Phone: 918-828-2000

Riverside Campus

Address: 801 E. 91st Street Tulsa, OK 74132
Phone: 918-828-4000

Sand Springs Campus

Address: 924 East Charles Page Blvd Sand Springs, OK 74063
Phone: 918-828-1300

Owasso Campus

Address: 10800 N. 137th E. Avenue Owasso, OK 74055
Phone: 918-828-1400



TRANSPORTATION PROVIDED

DUAL-CREDIT COLLEGE COURSES

Note: Not all classes are offered every semester. Schedule is established by TCC and communicated to BAHS for student enrollment. Seating is limited- first completed & turned in applications get the first seats.

Dual-Credit college courses count as high school and college credits. **Students must meet the minimum SAT/ACT scores to take Dual-Credit College Courses.** Courses offered through Tulsa Community College | Classes located at NSU-BA & BAHS.

Check with your high school counselor for specific programs and courses available to you. Enrollment begins each November and April for the following semester, and courses change each semester. Most college courses are semester-long courses that count for a full year high school class and that will appear on the high school transcript as well as on the college transcript. **Students must apply and be admitted to TCC prior to enrollment.**

View policies and eligibility requirements for taking TCC classes on the TCC website. Students may also want to meet with a TCC academic advisor for information about declaring a major and transferring courses to other colleges or universities.

All Tulsa Community College courses are 1 Semester, Credit Value: 2, GPA Weight +1.0

Admission Requirements & Enrollment Testing Requirements

To begin the admission process, visit [www.tulsacc.edu\dual-enrollment](http://www.tulsacc.edu/dual-enrollment)

BAHS Courses

ENGL 1113 Composition I:

Grade: 12

The first in a sequence of two courses and introduces students to academic writing, basic research and documentation.

ENGL 1213 Composition II:

Grade: 12

The second in a sequence of two courses. Furthers analytical reading skills, academic writing and techniques of research and documentation. Prerequisite: ENGL 1113 with a grade of "C" or better.

MATH 1513 Pre-Calculus (College Algebra):

Grade: 11 and 12

Including relations and functions, graphing using transformations, algebra of functions, conic sections, polynomial and rational functions, systems of equations, matrices, exponential and logarithmic functions, binomial theorem, sequences and series and applications. Prerequisites: Two years of high school algebra and appropriate ACT mathematics score of 20.

HIST 1063 Modern Western Civilization:

Grade: 11 and 12

The course studies the unfolding of the pattern of modern western civilization from the Renaissance to current times. A study of the Age of Revolution and the beginnings of industrialism in the nineteenth century and the social, economic and political factors of recent world history.

HIST 1053 Ancient & Medieval Western Civilization:

Grade: 11 and 12

A survey of the background for development of civilization in the West including the Near East, Greece and Rome through the Middle Ages and into the period of the Renaissance and Reformation.

HIST 1493 U.S. History Civil War Era to the Present:

Grade: 11 and 12

A survey of the unfolding of United States history from the Civil War Era to the present day. The study includes social, economic and political aspects of American life and follows the development of the United States as a world power.

POLS 1113 American Federal Government:

Grade: 11 and 12

This course is a study of the principles, structure, processes and functions of the United States federal government.

BIOL 1114 - General Biology for Non-Majors:

Grade: 11 and 12

A presentation of selected principles in biological science for the non-science major, including the cell concept, the organization of multi-cellular systems, plants and animals as organized systems, and man in relation to his environment. Includes lab component.

PSYC 1113 Introduction to Psychology:

Grade: 11 and 12

A survey of the major areas of study in psychology such as motivation, learning, physiology, personality theories and treatment, social psychology, psychological disorders, perception, memory and cognition thought.

PSYC 2023 – Developmental Psychology

Grade: 11 and 12

A theoretical and research-based psychology course that covers social, emotional, physical and cognitive aspects of human development throughout the life-span.

BIOL 1383 Nutrition:

Grade: 11 and 12

This course is an evaluation of basic composition of nutrients and accessory factors required for adequate human nutrition. Application of nutritional principles to the planning of normal and special dietary regime are a major component of this course.

DUAL-CREDIT COLLEGE COURSES

Note: Not all classes are offered every semester. Schedule is established by TCC and communicated to BAHS for student enrollment. Seating is limited- first completed & turned in applications get the first seats.

COMM 1113 Public Speaking:

Grade: 11 and 12

An introductory course in oral communication, emphasis is on improving applied communication skills. Special attention is given to critical thinking skills and the anatomy of the communication process: audience analysis, research and organization and logic, ethical use of evidence, delivery and listening. Required for B.A. and B.S. degrees in most professional majors; i.e. Business, Law, Education, Medical, English.

COLL 1002 First Year Experience Seminar:

Grade: 11 and 12

This student success course is for all new to college, degree-seeking students. Students are oriented to TCC campuses and college services, with an emphasis on personal and social strategies to increase involvement in college and community activities. The course requires students to analyze and apply study techniques and behavior patterns essential to college success, apply critical and creative thinking skills to solve academic and social problems, and construct goals and time plans to balance work, school, and family.

ENGL 2413 - Introduction to Literature:

Grade: 11 and 12

Introduces students to the study of fiction, poetry, and drama with attention to the elements and conventions specific to each literary type. Serves as a basis for further study in literature survey courses. Prerequisite: ENGL 1113 and ENGL 1213 with a grade of "C" or better. ENGL 1213 may be taken concurrently with this class.

HUMN 2113 - Humanities I: Prehistory through the Middle Ages:

Grade: 11 and 12

The humanities creatively and critically engage with the fundamental questions and challenges of the human condition through the study of the arts, philosophy, religion, history, etc. This course is an interdisciplinary survey of the humanities from prehistory through the middle ages.

PHIL 1113 - Introduction to Philosophy:

Grade: 11 and 12

A survey course designed to acquaint the student with some of the fundamental problems in philosophy and with methods used to deal with them. Some principal views, both ancient and modern, are examined as possible solutions. Recommended for second term freshmen.

MATH 1473 - Quantitative Reasoning:

Grade: 11 and 12

Covers the skills and tools (including technology) needed to think critically about quantitative information encountered in daily life. Emphasis on solving real-world problems utilizing open-ended exercises that involve reading, analyzing, calculating, and clearly reporting results. Topics include: using numbers in the real world; financial literacy; statistics; probability; linear and exponential modeling. Prerequisites: Two years of high school algebra and appropriate test score or MATH 0123 with a grade of "C" or better or co-requisite enrollment in MATH 0403.

SOCI - Introduction to Sociology:

Grade: 11 and 12

Examine the origin and development of social institutions and social processes. Sociological concepts and theories are used to explore the social influences in everyday life. Prerequisite: Reading proficiency or concurrent enrollment in a reading course.

SOC 2113 – Social Problems in America

Grade: 11 and 12

Exploration of selected social issues in contemporary society, including micro and macro analysis of the issues using the major sociological perspectives. Analysis of public policy relating to social problems and its impact on solving or contributing to the issues.

COMM 2103 – Interpersonal Communication

Grade: 11 and 12

A study of the principles and theories of communication in dyadic (one-to-one) and human interactive situations. Emphasis will be on increasing student awareness of verbal and nonverbal communication behavior. Focus will be directed toward improving interpersonal communication skills.

COMM 2053-intercultural Communication

Grade: 11 and 12

An introductory course in intercultural communication: the study of communication among people from different cultures. Emphasis is on increasing students' understanding of cultural theories of communication and of cultural issues that affect communication effectiveness especially in educational and business contexts.

EARLY COLLEGE HIGH SCHOOL

Note: Not all classes are offered every semester. Schedule is established by TCC and communicated to BAHS for student enrollment. Seating is limited- first completed & turned in applications get the first seats.

Incoming freshmen and sophomores can participate in a program called Early College High School. This program allows students to take high school level courses on the Northeastern State University-Broken Arrow campus while simultaneously equipping them to successfully undertake college coursework upon completion of 10th grade.

ECHS students are able to select 1 elective if they are first year ECHS students and they can select 2 electives if they are second year ECHS students.

ECHS students are required to take 2 years of a World Language or computers. It is recommended but not required that these courses are taken before the junior year.

ECHS students who choose to complete the Associate's Degree program will also take the following TCC courses:

- » **COMM 2053 - Intercultural Comm**
- » **POLS 1113 - American Government**
- » **COLL 1003 - College Success**
- » **SOCI 1113 - Intro to Sociology**
- » **COMM 1113 - Public Speaking**
- » **PHIL 1113 - Intro to Philosophy**
- » **BIOL 1383 - Nutrition**
- » **RELG 1223 - Religions of the World**
- » **PSYC 1113 - Intro to Psychology**
- » **MUSC 1113 - Music Appreciation**
- » **SOC 2113 - Social Problems in America**
- » **PSYC 2023 - Developmental Psychology**
- » **COMM 2103 - Interpersonal Communications**

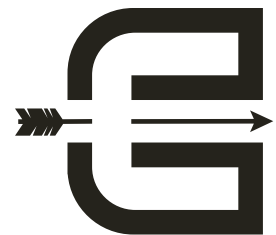
Descriptions for these courses are listed on previous pages.

There is some flexibility during the senior year for alternative TCC courses.

If you are interested in Early College High School, please contact:

Julie Sunderland
Principal
(918) 449-6184
jlsunderland@baschools.org

Tish MacDonald
Counselor
(918) 449-6544
trmacdonald@baschools.org



VANGUARD ACADEMY

Vanguard Academy is an innovative learning community with two full-time programs and one part time program for students in the 9th-12 grade. The full-time programs are only open to incoming freshmen, and those who are interested must apply in the spring semester of their 8th grade year.

The two full-time programs are called XPO and Broken Arrow Design Lab. XPO is a project-based learning program with interdisciplinary courses focusing on a wide-range of topics; and Broken Arrow Design Lab is a human-centered design program in which students earn their core and elective credits through a combination of practical experiences and interactive instruction.

Depending on the program and grade level, students can attend one or two courses at the Freshmen Academy or the High School to allow them to participate in sports, activities, and organizations offered only on those sites.

Both programs are designed to allow students to meet all graduation requirements, and they will graduate with a traditional transcript and a mastery transcript. The Mastery Transcript showcases the pillars of our program: knowledge, skills, mindset, and creativity and allows students to provide specific evidence from their learning experiences of ways they have grown and excelled in these areas.

Both programs culminate with an in-depth and comprehensive, nine-month long capstone project they will complete during their senior year that allows them to explore a topic in which they are passionate about and find ways to solve a problem or improve their environment.

There is also an opportunity for students who are not part of either Vanguard full-time program to attend some courses offered there for part of the day. Depending on the course, students from the Freshman Academy or the High School can ride a shuttle to Vanguard Academy for one or two periods. The course descriptions of these courses with grade level and prerequisite requirements are outlined in the Vanguard Academy section of this course planning guide.

- » **271510 Outward Bound**
- » **887420 Unmanned Aerial Vehicle**
- » **8256 Cybersecurity Basics**
- » **8833 Robotics Engineering**
- » **8874 Aviation I**
- » **8875 Aviation II**
- » **8004 Introduction to Agri-science**
- » **8009 Introduction to Agricultural Power & Technology**
- » **8010 Agricultural Power & Technology**
- » **8011 Agricultural Structures**
- » **8013 Livestock Production**
- » **8027 Wildlife Science & Management**
- » **8030 Greenhouse Production & Floral Design**
- » **8022 Introduction to Agricultural Communications**

Choose Aerospace

- » **8884 Regulations & Ground Operation**
- » **8885 Aircraft Materials & Corrosion Control**

If you are interested in attending Vanguard fulltime please contact:

Stacy Replogle
Principal
(918) 259-4320
sdreplogle@baschools.org

Andrea Sagely
Assistant Principal
(918) 259-4320
asagely@baschools.org

Summer VanHoozer
Counselor
(918) 259-4320
svanhoozer@baschools.org



BROKEN ARROW ACADEMIES



**EARLY COLLEGE
HIGH SCHOOL**
GRADES 9-12



**OPTIONS
ACADEMY**
GRADES 9-12



VANGUARD ACADEMY
GRADES 9-12



VIRTUAL ACADEMY
GRADES PREK-12



**BROKEN ARROW
HIGH SCHOOL**
1901 E Albany St

VANGUARD ACADEMY
300 E Albany St

OPTIONS ACADEMY & VIRTUAL ACADEMY
412 S 9th St

FRESHMAN ACADEMY
301 W New Orleans St

EARLY COLLEGE HIGH SCHOOL
3100 New Orleans St

