# Table of Contents

- Graduation Requirements 4
- Graduation Checklist 8
- Class Of 2022 & 2023 8
- Graduation Checklist 9
- Class Of 2024 & 2025 9
- Language Arts Core Courses 10
- Social Studies Core Courses 13
- Mathematics Core Courses 17
- Science Core Courses 20
- World Languages 24
- Computer Science Core Courses 27
- Fine Arts/Speech & Communications 29
- Visual Arts Courses 29
- Elective Options 37
- Career Tech Courses 47
- Tulsa Technology Center 51
- Concurrent College Courses 53
- Early College High School 57
- Mentoring Healthy Parents 57
- Comprehensive Program for Pregnant and Parenting Students 57
- Contact: Shannon Turner 57
- Early College High School 57
- Grades 9-12 57
- 412 S. 9th Street, Broken Arrow, OK 74012, 918-259-4600 57
- Principal: Shannon Turner 57
- Broken Arrow Virtual School - Online Education 57
- 808 E. College, Broken Arrow, OK 74012, 918-505-5270 57
- Principal: Caleb Starr 57

There will be no discrimination in the District because of race, color, sex, pregnancy, gender, gender expression or identity, national origin, religion, disability, veteran status, sexual orientation, age, or genetic information in its programs, services, activities and employment. The district also provides equal access to the Boy Scouts of America and other designated youth groups. Broken Arrow Public Schools will take all necessary steps to ensure that each school and work place in the District is free from unlawful discrimination or harassment. The following people within the District have been designated to handle inquiries regarding the District's non-discrimination policies, issues and concerns: • For all student issues related to Title VI of the Civil Rights Act of 1964, as amended (questions or complaints based on race, color, and national origin), the Associate Superintendent should be contacted at 918-259-5700 or at 701 South Main Street, Broken Arrow, OK 74012; • For all student issues related to Title II of the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, and the Individuals with Disabilities Education Act of 2004 (IDEA) (for questions or complaints based on disability), the Executive Director of Special Services should be contacted at 918-259-5700 or at 701 South Main Street, Broken Arrow, OK 74012; • For all student issues related to Title IX, of the Education Amendments of 1972 (for questions or complaints based on sex, pregnancy, gender, gender expression or identity), the Assistant Superintendent of Personnel and Administrative Services should be contacted at 918-259-5700 or at 701 South Main Street, Broken Arrow, OK 74012; • For issues related to accessibility to facilities, services and activities pursuant to the Americans with Disabilities Act, the Chief Operating Officer should be contacted at 918-259-5700 or at 701 South Main Street, Broken Arrow, OK 74012; • For all non-student and/or employment related issues (including questions or complaints based on age), or for any individual who has experienced some other form of discrimination, including discrimination not listed above, Assistant Superintendent of Personnel and Administrative Services should be contacted at 918-259-5700 or at 701 South Main Street, Broken Arrow, OK 74012; • Inquiries concerning non-discrimination can also be made to, and outside assistance obtained from, the United States Department of Education’s Office for Civil Rights. The contact information for the Kansas City Enforcement Office is: Office of Civil Rights, U.S. Department of Education, One Petticoat Lane, 1010 Walnut Street, Suite 320, Kansas City, MO 64106; Telephone: (816) 268-0550; TTY: (877) 321-2172; Facsimile: (816) 623-1404; Email: OCR.KansasCity@ed.gov.
GRADUATION REQUIREMENTS 2022 & 2023

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 Broken Arrow 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 24 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 Broken Arrow 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.
9. 2023 and Beyond Graduates will have an additional Fine Arts/Speech & Communications requirement (2 credits).

### Broken Arrow BAHS Graduation Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>8 credits</td>
</tr>
<tr>
<td>Math</td>
<td>6 credits</td>
</tr>
<tr>
<td>Algebra 1 or higher</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td>6 credits</td>
</tr>
<tr>
<td>Biology and a physical science are required. A physical science credit is any chemistry, physics, or physical science course</td>
<td></td>
</tr>
<tr>
<td>U.S. Government</td>
<td>1 credit</td>
</tr>
<tr>
<td>Oklahoma History</td>
<td>1 credit</td>
</tr>
<tr>
<td>Subtotal</td>
<td>46 credits</td>
</tr>
</tbody>
</table>

### College Preparatory / Work Ready Curriculum Requirements

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>8 credits</td>
</tr>
<tr>
<td>Math</td>
<td>6 credits</td>
</tr>
<tr>
<td>Science</td>
<td>6 credits</td>
</tr>
<tr>
<td>History</td>
<td>6 credits</td>
</tr>
<tr>
<td>Foreign Language OR Computer Technology</td>
<td>4 credits</td>
</tr>
<tr>
<td>Electives</td>
<td>16 credits (2023 and Beyond Graduates 14 credits)</td>
</tr>
<tr>
<td>Fine Arts/Speech &amp; Communications</td>
<td>2 credits (2023 and Beyond Graduates)</td>
</tr>
<tr>
<td>Subtotal</td>
<td>46 credits</td>
</tr>
</tbody>
</table>

### 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.

### 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](http://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 December. 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 AP 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:

<table>
<thead>
<tr>
<th>Course Type</th>
<th>Weight</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Courses</td>
<td>2.0</td>
<td>6.0</td>
<td>5.0</td>
<td>4.0</td>
<td>1.0</td>
<td>0</td>
</tr>
<tr>
<td>Pre AP/Concurrent</td>
<td>1.0</td>
<td>5.0</td>
<td>4.0</td>
<td>3.0</td>
<td>1.0</td>
<td>0</td>
</tr>
<tr>
<td>All others</td>
<td>0</td>
<td>4.0</td>
<td>3.0</td>
<td>2.0</td>
<td>1.0</td>
<td>0</td>
</tr>
</tbody>
</table>

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 two or four year universities. 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 School. Students who wish to enroll in an online course through Broken Arrow Virtual School must see a school counselor for enrollment information. For complete course offerings please visit www.baschools.org and look for the “Academics” tab.

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

**MATH & COMPUTER SCIENCE**
» AP Calculus AB
» AP Calculus BC
» AP Computer Science Principles
» AP Statistics

**SCIENCE**
» AP Biology
» AP Chemistry
» AP Environmental Science
» AP Physics I
» AP Physics II
» AP Physics C

**WORLD LANGUAGE & CULTURE**
» AP French Language and Culture
» AP Latin
» AP Spanish Language and Culture

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.
Criteria

Students must maintain a 2.0 college GPA to continue to take college classes.
Bring proof of college enrollment at the college to your high school counselor for final approval of your concurrent schedule.
Students must maintain a 2.0 college GPA to continue to take college classes.

Concurrent Enrollment

Concurrent Enrollment permits qualified students to take courses for college credit while completing high school requirements for graduation. Attend 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 concurrent enrollment.
» Minimum SAT/ACT standards must be met.
» Obtain written permission from your counselor and parent to schedule concurrent 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 concurrent 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 6 credit hours of 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 concurrent 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.

Concurrent enrollment/Dual Credit: 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

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, or 10th 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.

OKLAHOMA’S PROMISE CORE CURRICULUM

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>8</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>6</td>
</tr>
<tr>
<td>History and Citizenship</td>
<td>6</td>
</tr>
<tr>
<td>Foreign Language or Comp/Tech</td>
<td>4 credits*</td>
</tr>
<tr>
<td>Additional Core</td>
<td>2 credits from above</td>
</tr>
<tr>
<td>Fine Arts or Speech</td>
<td>2</td>
</tr>
</tbody>
</table>

*2 units of the same foreign/non-English language OR 2 units (4 semesters) of computer technology.

Important Note: 1 unit of foreign-non-English language and 1 unit of computer technology will not meet this requirement.

Schedule Change 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 changes to their schedules within the first ten (10) days of each semester.

Schedule changes will only be made for the following reasons:

» Scheduling error/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)
GRADUATION CHECKLIST
CLASS OF 2022 & 2023

Student Name __________________________
Student ID # ___________________________ DOB __________________________

Language Arts (8 Credits)
English 9, Honors English 9, English 10, Pre-AP English 10, English 11, AP English 11, English 12, AP English 12, Composition I (HS & College credit), Composition II (HS & College credit), Intro to Lit (HS & College credit)

_______ _______ English 9
_______ _______ English 10
_______ _______ English 11

Grade 12 Class: ________________________

Mathematics (6 Credits)

_______ _______ Algebra I MS or HS
_______ _______ Geometry MS or HS
_______ _______ Algebra II MS or HS

Grade 12 Class: ________________________

Science (6 Credits)

_______ _______ Biology I

Grade 12 Class: ________________________

物理科学, 化学, AP化学, 物理学, AP物理学I, AP生物学, 地球科学, 法医科学, 环境科学, 微生物学, 物理学, AP物理学II, AP物理学"C"力学, AP物理学C电与磁, 优等生理学/解剖学, 动物学, 天文, AP语言文学

Social Studies (6 Credits)

_______ _______ US History

Government _______ OK History _______

Social Studies class

Additional Core Class (2 Credits)

Class Title ________________________

Foreign Language or Core Computer Educ. (4 Credits)

_______ _______ class: ________________________

Same Foreign Language

_______ _______ class: ________________________

Same Foreign Language

OR

Computer Core

Computer Core

Electives (14 Credits)
Additional Core Courses above the minimum will count as electives.

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Electives Title ________________________

Total Credits Earned _________

Personal Financial Literacy _________ completed

CPR Training _________ completed

_____ Student is ON track to graduate on time

ON TRACK MEANS:
• 10 credits completed at the end of student’s freshman year
• 22 credits completed at the end of the student’s sophomore year
• 34 credits completed at the end of the student’s junior year
• 46 credits are required to graduate

_____ Student is NOT on track to graduate on time

_____ College Preparatory Track OPT OUT

See your counselor. Parent signature required

Students needing more than one (1) unit (2 credits) will not be permitted to participate in graduation exercises. Signature acknowledges notification of their child’s graduation status

Parent/Guardian/Student Signature ________________________ Date _________

Counselor or Administrator Signature ________________________ Date _________

Revised 1/3/2020
Student Name ____________________________  Student ID # ____________________________ DOB ____________

**Language Arts (8 Credits)**
English 9, Honors English 9, English 10, Pre-AP English 10, English 11, AP English 11, English 12, AP English 12, Composition I (HS & College credit), Composition II (HS & College credit), Intro To Lit (HS & College credit)

- _____ _______ English 9
- _____ _______ English 10
- _____ _______ English 11
- _____ Grade 12 Class: ______________________

**Mathematics (6 Credits)**

- _____ _______ Algebra I  MS or HS
- _____ _______ Geometry  MS or HS
- _____ _______ Algebra II  MS or HS
- _____ class: ______________
- _____ class: ______________
- _____ class: ______________

**Science (6 Credits)**

- _____ _______ Biology I  ________ ________
- _____ class: ______________
- _____ class: ______________

**Social Studies (6 Credits)**

- _____ _______ US History

**Graduation Checklist - Class of 2024 & 2025**

- Government ________ OK History ________

**Electives (12 Credits)**
Additional Core Courses above the minimum will count as electives.

- Fine Art
  - Electives Title
  - Electives Title
  - Electives Title
  - Electives Title
  - Electives Title

- Fine Art
  - Electives Title
  - Electives Title
  - Electives Title
  - Electives Title
  - Electives Title

**Foreign Language or Core Computer Edu. (4 Credits)**
- Same Foreign Language
  - Electives Title
  - Electives Title
  - Electives Title
  - Electives Title

- Same Foreign Language
  - Electives Title
  - Electives Title
  - Electives Title
  - Electives Title

**Total Credits Earned ____________

**Personal Financial Literacy ________ completed

**CPR Training ________ completed

_____ Student is **ON** track to graduate on time

**ON TRACK MEANS:**
- 10 credits completed at the end of student’s freshman year
- 22 credits completed at the end of the student’s sophomore year
- 34 credits completed at the end of the student’s junior year
- 46 credits are required to graduate

_____ Student is **NOT** on track to graduate on time

_____ **College Preparatory Track OPT OUT**

See your counselor. Parent signature required

**Additional Core Class (2 Credits)**

Class Title ________________ Class Title ________________

Students needing more than one (1) unit (2 credits) will not be permitted to participate in graduation exercises. Signature acknowledges notification of their child’s graduation status

Parent/Guardian/Student Signature __________________________ Date __________

Counselor or Administrator Signature __________________________ Date __________

Revised 1/3/2020
Courses designated with "c.c." meet high school graduation, college core, and Oklahoma Promise requirements. Courses listed without this designation do not meet the requirements for college core credit and will receive high school elective credit only.

**English Standard Pathway**

**9th grade:**
- English 9

**10th grade:**
- English 10
  - Grammar/Composition/Literature

**11th grade:**
- English 11 Grammar/Composition/Literature

**12th grade:**
- English 12
  - Grammar/Composition/Literature

**English AP Pathway**

**9th grade:**
- Pre-AP English

**10th grade:**
- Pre-AP English 10
  - Grammar/Composition/Literature

**11th grade:**
- *AP English Language & Composition

**12th grade:**
- *AP English Literature & Composition
  - Concurrent Comp 1 &
  - Concurrent Comp 2

* College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.

**Freshman Academy 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.

**BAHS 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. 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: ACCESS Test Score
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
Student reading is based on World Literature and focuses on literary analysis of 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 analysis responses. Student writings will mainly be timed writings. 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: ACCESS Test Score
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 (11):
(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.

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, comparison/contrast, argumentative research, and literary analysis. 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. 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: ACCESS Test Score
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 emphasizes the analytical/critical study of four genres: narrative fiction, verse, drama and the essay. The composition portion stresses a mastery of the skills for application through evaluation, namely, ordering ideas into logical patterns and developing these ideas with pertinent and valid detail. Students write analytical and MLA documented essays. Students will 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.
ENGL 1113 Composition I: (BAHS Campus)
(1 Semester – HS Credit Value: 2 for English 12) c.c., N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 54 for ACT/SAT minimum scoring.
Grade: 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: (BAHS Campus)
(1 Semester – HS Credit Value: 2 for English 12) c.c., N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 54 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.

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: Testing Requirements Chart on pg 54 for ACT/ SAT minimum scoring.
Grade: 11 or 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 chart in back 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.
### SOCIAL STUDIES CORE COURSES

**6 SEMESTERS REQUIRED**

Of the six semesters required, one (1) must be Oklahoma History, one (1) must be U.S. Government, two (2) must be a Non US History, and two (2) must be a U.S. History.

Courses designated with “c.c.” meet high school graduation, college core, and Oklahoma Promise requirements. Courses listed without this designation do not meet the requirements for college core credit and will receive high school elective credit only.

---

### Social Studies Standard Pathway

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>Oklahoma History (1 semester) &amp; US Government (1 semester)</td>
</tr>
<tr>
<td>10th</td>
<td>Non U.S. History Core (2 semesters) Early World History, Modern History, History of War, Asian History, European History, Human Geography, Economics</td>
</tr>
<tr>
<td>11th</td>
<td>U.S. History (2 semesters)</td>
</tr>
<tr>
<td>12th</td>
<td>Any social studies elective: Economics, Psychology, Sociology, Criminology, or *AP History courses</td>
</tr>
</tbody>
</table>

**12th grade:** Any social studies elective: Economics, Psychology, Sociology, Criminology, or *AP History courses

---

### Social Studies AP Pathway

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>*AP Human Geography (This will count as a Non U.S. History core credit.)</td>
</tr>
<tr>
<td>10th</td>
<td>*AP Human Geography *AP World History *AP European History</td>
</tr>
<tr>
<td>11th</td>
<td>*AP U.S. History</td>
</tr>
</tbody>
</table>

**12th grade:** *AP Economics *AP U.S. Government & Politics *AP Comparative Government & Politics, *AP Psychology, * or *TCC Concurrent History Course

---

### Freshman Academy 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.

---

* College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.

** Senior year social studies course can be counted as an additional core course for Oklahoma Promise. It is highly recommended that students complete a senior year social studies course to support future career and college success.
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 ELL:
(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. 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)
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, 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 ELL:
(2 Semesters – Credit Value: 2) c.c., N
Prerequisite: identification as EL student
Grade Level: 11, 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, N (GPA Weight +2.0)
Prerequisite: None
Recommended: Minimum of a “B” in previous Social Studies course
Grade: 11, 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. Students are required to take the End of Instruction test for this course. 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.

5545 AP Comparative Government & Politics:
(2 Semesters - Credit Value: 2, c.c., N (GPA Weight +2.0)
Prerequisite: None
Grade: 10, 11 and 12
The AP Comparative Government course focuses on the comparing concepts, political systems, and world relevance in 6 different countries. The six countries to be studied during the course are Great Britain, Russia, China, Mexico, Nigeria, and Iran. Students will study the components that are universal to all political systems in each of the six countries, and will become aware of the interconnections between the citizens and state policies. This course will give students a critical perspective of the working of these government systems and will prepare them for the AP Comparative Government test 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. This course does not meet the requirement for government.

5546 AP United States Government & Politics:
(2 semesters- Credit Value: 2) c.c., N (GPA Weight +2.0)
Prerequisite: None
Grade: 10, 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.
5526 AP Micro Economics/5525 AP Macro Economics:
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)
Prerequisite: Recommended passed or currently enrolled in Algebra II
Grade: 11, 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: 10, 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: 9, 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.

5420 Early World History:
(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 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.

5420E Early World History for ELL:
(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 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 Modern History:
(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 Modern History for ELL:
(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. 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.

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: Modern History 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.

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. In addition, students will utilize basic geography skills, such as labeling maps, using atlases, and analyzing various graphs and tables.

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
Grade: 10, 11, and 12
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.
MATHEMATICS CORE COURSES

Algebra I, Geometry, & Algebra II are required. If taken before 9th grade, students must still take six (6) semesters of Mathematics Core courses.

Courses designated with "c.c." meet high school graduation, college core, and Oklahoma Promise requirements. Courses listed without this designation do not meet the requirements for college core credit and will receive high school elective credit only.

** Math Standard Pathway **

- **6th grade:** Math 1
- **7th grade:** Math 2
- **8th grade:** Pre-Algebra
- **9th grade:** Algebra I
- **10th grade:** Geometry
- **11th grade:** Intermediate Algebra II
- **11th/12th grade:** Algebra II

** Math AP Pathway **

- **6th grade:** Pre-Algebra
- **7th grade:** Pre-Algebra
- **8th grade:** Algebra I
- **9th grade:** Honors Geometry

** Math Standard Pathway (advanced) **

- **10th grade:** Algebra II
- **11th grade:** Pre-AP Pre-Calculus
- **12th grade:** Math Ready

** Math AP Pathway (continued) **

- **10th grade:** Pre-AP Algebra II
- **11th grade:** Pre-AP Pre-Calculus
- **12th grade:** AP Calculus AB or AP Calculus BC

** Following course options go beyond graduation requirement **

- **12th grade:** Math of Finance
- **12th grade:** Algebra III & TCC Pre-Calculus
- **12th grade:** AP Calculus AB or AP Calculus BC

** Senior year math course can be counted as an additional core course for Oklahoma Promise. It is highly recommended that students complete a senior year social studies course to support future career and college success. **
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.

4412E Algebra II for ELL:
(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.

4411 Algebra II:
(2 Semesters - Credit Value: 2) c.c., N
Prerequisite: None
Grade: 9, 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.

4412E Algebra II for ELL:
(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.

4520 Geometry:
(2 Semesters - Credit Value: 2) c.c., N
Prerequisite: Algebra I
Grade: 9, 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.

4520 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.

4520 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.
### 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.

### 441290 Pre-AP Algebra II:
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)
**Prerequisite:** Pre-AP Algebra I and Pre-AP Geometry
**Recommended:** "B" or above in Pre-AP Algebra I & Pre-AP Geometry

**Grade:** 10, 11

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: (1) simplifying, factoring, graphing and solving all polynomial functions, (2) radical operations with rational exponents, (3) rational expressions, (4) series and sequences and an introduction to trigonometric functions. Algebra II Pre-AP is designed to prepare students for success in AP and other challenging courses. Graphing calculators are recommended as calculator skills will be taught and used extensively.

### 4413 Algebra III & *TCC Pre-Calculus:
(2 semesters-first semester credit-1; second semester credit-2) c.c., N (GPA Weight +1.0)
**Prerequisite:** Algebra II

**Grade:** 11 & 12

Students will begin with fall semester of teacher led instruction in Algebra III. For those students with SAT/ACT approved score, they will take Tulsa Community College Pre-Calculus (College Algebra) concurrently second semester. Students without an approved SAT/ACT score will remain in Algebra III second semester. 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 Statistics and Probability:
(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:** 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.

### 4611 Pre-AP Pre-Calculus (Trigonometry/Math Analysis):
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)
**Prerequisite:** Grade of “B” or higher in Algebra II or Pre-AP Algebra II

**Grade:** 10, 11, and 12

Pre-calculus is designed for students who have a strong background in mathematics and plan on continuing in math related fields. This course consists of an advanced study of equations, quadratics, polynomials, series and logarithmic functions, as well as a complete one semester course of trigonometry. This course also prepares students for AP Calculus courses.

### 4615 AP Calculus AB:
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)
**Prerequisite:** Grade of “C” or higher in Pre-AP Pre-Calculus

**Grade:** 11 and 12

The student will study differential and integral calculus and analytic geometry, to prepare for a college entry-level calculus course. 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 in May.

### 4616 AP Calculus BC:
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)
**Prerequisite:** 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.

### 4830 Advanced Studies in Math I: Calculus III/Differential Equations
(2 Semesters - Credit Value: 2) c.c., N
**Prerequisite:** Score of 3 or higher on AP Calculus AB exam or score of 3 or higher as an AB sub-score of AP Calc BC exam.

**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. This course is weighted like an AP course.
SCIENCE CORE COURSES 6 SEMESTERS REQUIRED

Biology, a Physical Science, and another Science course is required to make up the six (6) semesters. Chemistry, Physical Science, and Physics can count as a physical science.

Courses designated with “c.c.” meet high school graduation, college core, and Oklahoma Promise requirements. Courses listed without this designation do not meet the requirements for college core credit and will receive high school elective credit only.

Science Standard Pathway

9th grade:
Biology

↓

10th grade:
Physical Science

↓

11th Grade:
Chemistry, Earth Science, Environmental Science, Forensic Science, Physics, Zoology, Microbiology, Anatomy, Astronomy or Geology/Meteorology

** Following course options go beyond graduation requirement

↓

12th grade:
Any science core course

Science AP Pathway

9th grade:
Pre-AP Biology

↓

10th grade:
Pre-AP Chemistry, Pre-AP Physics, or *AP Physics

↓

11th Grade:

** Following course options go beyond graduation requirement

↓

12th grade:
Any*AP Science course or *Concurrent Science course or Innovative Research II

* College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.

** Senior year science course can be counted as an additional core course for Oklahoma Promise. It is highly recommended that students complete a senior year social studies course to support future career and college success.

Freshman Academy 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.

BAHS 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 ELL:
(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 man other science courses.

5160 Physical Science:
(2 Semester - Credit Value: 2) c.c., N
Prerequisite: None.
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.

5160E Physical Science for ELL:
(2 Semester - Credit Value: 2) c.c., N
Prerequisite: None.
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: Current enrollment in or completion of Algebra II, and completion of Biology.
Grade: 11, 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 & covalent compounds, stoichiometry and the mole concept, types of chemical reactions, behavior of gases, and reactions and properties of acids & 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, 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 Physics I 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, 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.

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

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, and 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, 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, 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, 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 student 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. The students also have a chance to receive college credit for their coursework by taking the AP Test at the end of the year and passing with a 3, 4, or 5.

**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, 12

This course 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.

**5334 Forensic Science:**

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

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

**Grade:** 11, 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, arson, serology, DNA, fingerprints, firearms and impression evidence. Students will also learn anthropology, odontology, forensic evidence, engineering, pathology, and technical writing. Student projects will be used to develop individual learning skills.

**5336 Microbiology:**

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

**Prerequisite:** Successful completion of Biology and any physical science

**Grade:** 11, 12

Microbiology is a laboratory-based 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 and basic principles of metabolism. 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. Medical Alert: Students should be aware there is extensive use of iodine. 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, 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: None
Grade: 11, 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. Note: Course content is occasionally graphic or explicit.

5020 Astronomy:
(2 Semesters - Credit Value: 2) c.c., N
Prerequisite: Successful completion of Biology, physical science, and concurrent or completion of Algebra II.
Grade: 11, 12
Students will learn to identify major stars and constellations. Fundamental concepts of astronomy will include a brief history of astronomy, gravity and space travel, planetary orbits, structure and processes of the sun, characteristics and formation of various types of objects which make up the solar system, and the classifications and life cycles of stars. We will use telescopes and mathematical equations to measure temperatures, distances, and motions of the stars.

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, 12
This earth science course will acquaint students with the biological concepts of the environment. Emphases includes ecological issues such as pollution, energy conservation, the economics behind environmental legislation, and wildlife conservation and management.

5120E Environmental Science for ELL:
(2 semesters- Credit Value: 2) c.c., N
Prerequisite: Successful completion of Biology and concurrent enrollment or completion of a physical science
Grade: 11, 12
This earth science course will acquaint students with the biological concepts of the environment. Emphases includes ecological issues such as pollution, energy conservation, the economics behind environmental legislation, and wildlife conservation and management.

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, 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 problem and to examine alternative solutions. Students should 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, 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.

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, 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.
Note: Course content is occasionally graphic or explicit.

5350 Honors Innovative Research I:
(2 Semesters- Credit Value: 2) c.c., N (GPA Weight +2.0)
Prerequisite: Successful completion of Biology, Chemistry and Algebra II, current enrollment or completion of other science core course.
Grade: 10, 11, and 12
This class is researched based curriculum focusing on student groups working together to solve global and local problems. Students will be guided through the process of learning to develop questions and hypotheses, performing analysis, and communicating the results of their projects. Each group will work with local and international experts in areas of research.

535010 Honors Innovative Research II:
(2 Semesters- Credit Value: 2) c.c., N (GPA Weight +2.0)
Prerequisite: Honors Innovative Research
Grade: 12
Students will build upon the content and skills acquired in Honors Innovative Research to continue working together to solve global and local problems. Students will be guided through the process of learning to develop questions and hypotheses, performing analysis, and communicating the results of their projects. Each group will work with local and international experts in areas of research.
WORLD LANGUAGES

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

**Freshman Academy 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.

**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 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.

**BAHS 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, 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: 11 and 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.

3161 Spanish I:
(2 Semesters - Credit Value: 2) c.c., N,
Prerequisite: None
Recommendation: C or better in English or teacher recommendation
Grade: 9, 10, 11 and 12
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, 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.

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: 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 composition 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: 9, 10, 11 and 12
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.

**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, 11, and 12

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.

**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.

**3121: German I:**
(2 semesters- Credit Value 2) c.c., N

Prerequisite: None

**Recommendation:** C or better in English or teacher recommendation

Grade: 10, 11 and 12

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

The use of district computing resources is a privilege, not a right. Violation of district “Policies and Procedures” may result in cancellation of computer-use privilege and/or other disciplinary action. In addition, any user who willfully or through gross negligence destroys or damages any district computing resources may be held financially responsible. Computer vandalism will result in immediate cancellation of computer privileges and/or other disciplinary action. Most computer classes require a zip disk or flash drive for student data storage and class use. All students enrolled in a district computer course will be required to read, review and sign the computer usage contract prior to use of district computing resource.

Computer Science Standard Pathway

- Computer Science I
- Robotics Engineering
- Desktop Publishing
- Programming - Visual Basic

↓

- Advanced Desktop Publishing
- Web Design
- Cyber Security

Computer Science AP Pathway

- Programming: Visual Basic
- Computer Science I
- Cyber Security

↓

- Advanced Programming

*AP Computer Science Principles

* College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.

** Senior year computer science course can be counted as an additional core course for Oklahoma Promise.

Freshman Academy 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.

8852 Computer Science Essentials (PLTW):
(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.

BAHS Courses

2557 Desktop Publishing:
(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.

255710 Advanced Desktop Publishing:
(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.

253110 Computer Science I:
(1 Semester – Credit Value: 1) c.c.

Prerequisite: None
Grade: 10, 11 and 12
The study of computing, programming, and computation in correspondence with computer systems. This field of study utilizes theories on how computers work to design, test, and analyze concepts. Computer science usually has a stronger mathematical foundation than a scientific one and on some occasions may not focus directly on computers and their systems.
**2510 Programming - Visual Basic:**
(1 Semester – Credit Value: 1) 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.

**251110 Advanced Programming:**
(1 Semester – Credit Value: 1) c.c.
Prerequisite: Computer Science I or Visual Basic
Grade: 10, 11, 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.

**255230 2D Animation:**
(1 Semester – Credit Value: 1)
Prerequisite: None
Grade: 10, 11 and 12
In this course students will learn the features of Adobe Animate including drawing objects and working with symbols and interactivity. Focus will be placed on creating animations and special effects, preparing and publishing movies, and importing and modifying graphics. Students will use Action Script to build complex animations adding sound and video. Finally, student will work with behaviors and components.

**2556 Web Design:**
(1 Semester – Credit Value: 1) 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.

**2536 AP Computer Science Principles:**
(2 Semesters - Credit Value: 2) c.c. (GPA Weight +2.0)
Prerequisite: Grade of C or higher in Algebra I
Grade: 10, 11, and 12
This course introduces students to foundational concepts of consumer science and explores the impact that computing and technology have on society. Focus will be on creative problem solving and real world applications. 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.

**2512 PLTW Cybersecurity:**
(2 Semesters – Credit Value: 2) c.c.
Prerequisite: None
Grade: 10, 11, and 12
PLTW 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. PLTW 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: 9, 10, 11, and 12
Utilizes project lead the way curriculum. Dig deep into engineering design process by applying math & science. Design solutions using 3D modeling software.

**8710 Principles of Engineering (POE):**
(2 Semesters - Credit Value: 2) c.c.
Prerequisite: Introduction to Engineering Design (IED) OR application through TTC.
Grade: 10
The course utilizes Project Lead the Way and provides another hands-on course that helps students understand the field of engineering and engineering technology. Utilizing projects, modeling kits and computers, students explore technology systems and engineering processes to find out how math, science and technology help people. Students develop skills in problem solving, research, and design.

**886710 Game Design & App Design:**
(1 Semester – Credit Value: 1)
Prerequisite: None
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.
29

FINE ARTS/SPEECH & COMMUNICATIONS

VISUAL ARTS COURSES

2023 & beyond graduates are required to have 2 credits for graduation.

### Standard Course Pathway

1. **Foundations of Art**
2. **Ceramics 1**
   - Drawing 1
   - Mixed Media 1
   - Painting 1
   - Printmaking 1
   - Sculpture 1
3. **Ceramics 2**
   - Drawing 2
   - Mixed Media 2
   - Painting 2
   - Printmaking 2
   - Sculpture 2

   *With Art Teacher Approval Only:
   Students who have successfully completed a Level 1 course may enroll in the same Level 2 course or Pre-AP Art 2*

### Pre-AP/AP Course Pathway

1. **Pre-AP Art 1**
2. **Pre-AP Art 2**
3. **Pre-AP Art 2 3D**
4. **AP Drawing Portfolio**
5. **AP 3D Art & Design Portfolio**
6. **AP 2D Art & Design Portfolio**

### Freshman Academy

#### Visual Art Courses

**2817 Art Appreciation:**
(1 Semester - Credit Value: 1)
**Prerequisite:** None
**Grade:** 9

Students will explore art periods and artistic behaviors through the study of history and experimentation with various media. This course covers ancient art, Renaissance art, Impressionism/Post-Impressionist Art, and Modern Art. Students will gain the skills needed to identify, analyze, and describe various works of art.

**2821 Crafts:**
(1 Semester - Credit Value: 1)
**Prerequisite:** None
**Grade:** 9

This is a semester course in which students will be introduced to a variety of crafts. They will experience working with a variety of different mediums such as paint, clay, fabric, metal, wood, and yarn, while learning multiple studio techniques. Students will develop an appreciation for hand craftsmanship by exploring the various techniques. Students will develop an appreciation for hand craftsmanship by exploring the various techniques employed by different cultures around the world. Students will be asked to provide some project materials.

**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.

* College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.
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.

BAHS Visual Art Courses

280810 Foundations of Art:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 10, 11 and 12
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.

2817 Art Appreciation:
(1 Semester- Credit Value: 1)
Prerequisite: None
Grade: 10, 11, and 12
Students will explore art periods and artistic behaviors through the study of history and experimentation with various media. This course covers ancient art, Renaissance art, Impressionism/Post-Impressionist Art, and Modern Art. Students will gain the skills needed to identify, analyze, and describe various works of art.

2821 Crafts:
(1 Semester- Credit Value: 1)
Prerequisite: None
Grade: 10, 11 and 12
This is a semester course in which students will be introduced to a variety of crafts. They will experience working with a variety of different mediums such as paint, clay, fabric, metal, wood, and yarn, while learning multiple studio techniques. Students will develop an appreciation for hand craftsmanship by exploring the various techniques. Students will develop an appreciation for hand craftsmanship by exploring the various techniques employed by different cultures around the world. Students will be asked to provide some project materials.

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.

2878 Drawing I:
(1 semester - Credit Value: 1)
Prerequisite: Foundations of Art, or Pre-AP Art
Grade: 10-12
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 and Teacher Approval
Grade: 10-12
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 Pre-AP Art
Grade: 10-12
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)
Pre-requisite: Foundations of Art, or Pre-AP Art
Grade: 10-12
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 Pre-AP Art
Grade: 10-12
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 and Teacher Approval
Grade: 10-12
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.

**2821 Mixed Media I:**
(1 semester - Credit Value: 1)
Prerequisite: Foundations of Art, or Pre-AP Art
Grade: 10-12
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)
Pre-requisite: Mixed Media I and Teacher Approval
Grade: 10-12
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 Pre-AP Art
Grade: 10-12
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 and Teacher Approval
Grade: 10-12
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 Pre-AP Art
Grade: 10-12
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 and Teacher Approval
Grade: 10-12
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: 10-11
Students will build on skills learned in previous years to begin developing the Breadth Section of the 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 the Breadth Section of the AP Studio Art 3D Design Portfolio which they will complete during their senior year. Students will be required to purchase some supplies.

**2815 AP Drawing:**
(2 Semesters - Credit Value: 2) (GPA Weight +2.0)
Prerequisite: PAP Art 2 and 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 rigorously study a variety of media and subject matter to develop a 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 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 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 and 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 rigorously study a variety of media and subject matter to develop a body of work with attention to the use of 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 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 exam in May. Students will be required to purchase some supplies.
**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.

**Freshman Academy 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 band in which you are placed. Only students who have successfully completed three years of middle school band are eligible for this course.

**3034 Percussion**
(2 semesters- Credit Value: 2)

**Grade Level:** 9

Auditions will det

**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.

**3072 Tenor 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.

BAHS Performing Arts Courses

4019 Drama I:
(2 Semesters - Credit Value: 2)
No Prerequisite
Grade: 9, 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.

4019 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.

2856 Stage Crafts I:
(1 Semester – Credit Value: 1)
Prerequisite: Application/Referral from teacher
Grade: 10, 11, 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.

300110 Concert Band:
(2 Semesters – Credit Value 2)
Including: Concert Band 1, Concert Band 2
Grade Levels: 9, 10, 11 and 12
Auditions will determine the band in which you are placed.

302110 Symphonic Band:
(2 Semesters- Credit Value 2)
Including: Symphonic Band 1, Symphonic Band 2
Grade Levels: 9, 10, 11, 12
Auditions will determine the band in which you are placed.

300410 Wind Ensemble:
(2 Semesters- Credit Value 2)
Grade Levels: 9, 10, 11, 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

3004 Tiger Pride Marching Band:
(1 Semesters - Credit Value: 1)
Prerequisite: Audition (recorded or live as needed)
Grade: 9, 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.

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.

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.

3071 Treble Choral Union:
(2 Semesters - Credit Value: 2)
Prerequisite: Ability to match pitch vocally, sing in an upper treble range
Grade: 9, 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.
3072 Tenor/Bass Choral Union:  
(2 Semesters - Credit Value: 2)  
Prerequisite: Ability to match pitch vocally, sing in a lower tenor/bass range  
Grade: 9, 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.

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: 9, 10, 11, and 12  
The Advanced Mixed 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.

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.

Freshman Academy Speech & Communications

4011 Speech I (Public Speaking):  
(1 Semester – Credit Value: 1)  
Prerequisite: None  
Grade: 9  
This course offers an overview of the process of communication and provides a variety of public speaking experiences. Students will develop critical speaking and listening skills. Required speeches are the self-introduction speech, the informative speech, the persuasive speech, and the speech for a special occasion.

4015 Debate I:  
(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.

422410 Debate Team:  
(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 I. 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.
BAHS Speech & Communications

4011 Speech I (Public Speaking):
(1 Semester – Credit Value: 1)
Prerequisite: None
Grade: 9, 10, 11 and 12
This one-semester course offers an overview of the process of communication and provides a variety of public speaking experiences. Students will develop critical speaking and listening skills. Required speeches are the self-introduction speech, the informative speech, the persuasive speech, and the speech for a special occasion.

4012 Speech II (Oral Interpretation):
(2 Semester – Credit Value: 2)
Prerequisite: Speech I or teacher approval
Grade: 10, 11 and 12
Oral interpretation is the art of reading, analyzing and interpreting drama, prose, and poetry through performance. This course will offer students opportunities to practice in the major speech forms: Expository, persuasive, debate, original prose and poetry, impromptu, congress, and literary interpretation. Students will also work on critical thinking, writing and research skills. Oral Interpretation is valuable for all career choices, as well as everyday life. In addition, the course offers students a chance to perform outside the classroom at community and school sponsored events.

422110 Speech Team:
(2 Semesters - Credit Value: 2)
Prerequisite: Currently enrolled or completed Speech I
Grade: 9, 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 I. 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.

4015 Debate I:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 10, 11 and 12
Students will initially learn about and practice structured extemporaneous speeches with emphasis on verbal and nonverbal delivery skills (organization, projection, inflection, eye-contact, hand gestures, and more). Students will then build a foundation for effective argumentation and advocacy (claim/warrant/evidence) by participating in “SPAR” debates and congressional debate. Ultimately students will present debate cases on both sides of a Lincoln Douglas debate using the official National Speech and Debate Association debate resolution. Special emphasis will be placed on critical thinking and listening skills as well as argument resolution. This class is ultimately for students who want to explore debate in a noncompetitive environment. Interested students may choose to audition/interview for the Broken Arrow Speech and Debate team.

4016 Debate II:
(2 Semesters - Credit Value: 2)
Prerequisite: Debate I
Grade: 10, 11 and 12
Students will continue the study of debate by examining the structure, strategy, and harmonious interplay necessary for team debate. Students will primarily study Public Forum, World School’s Debate, and Ethics Bowl. Emphasis will continue to be on argumentation, research, with special attention paid to collaboration and intra-squad communication. This class is ultimately for students who want to explore debate in a noncompetitive environment. Interested students may choose to audition/interview for the Broken Arrow Speech and Debate team.

4017 Debate III:
(2 Semesters - Credit Value: 2)
Prerequisite: Debate I, II
Grade: 10, 11 and 12
Students will continue the study of debate by examining the structure, strategy, and harmonious interplay necessary for team debate. Students will primarily study Public Forum, World School’s Debate, and Ethics Bowl. Emphasis will continue to be on argumentation, research, with special attention paid to collaboration and intra-squad communication. This class is ultimately for students who want to explore debate in a noncompetitive environment. Interested students may choose to audition/interview for the Broken Arrow Speech and Debate team.

4018 Debate IV:
(2 Semesters - Credit Value: 2)
Prerequisite: Debate I, II, III
Grade: 10, 11 and 12
Students will continue the study of debate by examining the structure, strategy, and harmonious interplay necessary for team debate. Students will primarily study Public Forum, World School’s Debate, and Ethics Bowl. Emphasis will continue to be on argumentation, research, with special attention paid to collaboration and intra-squad communication. This class is ultimately for students who want to explore debate in a noncompetitive environment. Interested students may choose to audition/interview for the Broken Arrow Speech and Debate team.

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.
ELECTIVE OPTIONS

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

Vanguard Academy Electives

272560 EnLIGHTen:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9-12
This course is an introduction to renewable energy technologies. Emphasis is on exploration of principles and concepts as well as the application of renewable energy technologies (RET). Explores topics such as energy consumption, the pros and cons of renewable energy, energy conversion, environmental issues and concerns, United States electrical grid, biomass and biofuels, geothermal, wind power, solar power, nuclear power, and hydropower systems.

2715 Outward Bound:
(2 Semesters - Credit Value: 4)
Prerequisite: None
Grade: 9-12
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.

272550 Unmanned Aerial Vehicles:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9-12
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.

272560 Career and Technology Exploration:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9-12
This course provides an introduction to careers and basic skills to help participants make informed decisions about which technologies to use in a given instance. Students will explore Computer Science, Cybersecurity, and Engineering Technology.

BAHS 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.

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.

Freshman Academy

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.
BAHS Language Arts Electives

4301 Creative Writing:
(1 Semester - Credit Value: 1)
Prerequisite: None
Recommended: Minimum English grade of “C” or teacher recommendation
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.

430210 Advanced Creative Writing:
(2 Semesters- Credit Value 2)
Prerequisite: Creative Writing
Required: Minimum CW grade of “B”; or teacher recommendation and writing sample
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)
Recommended: English teacher recommendation
Grade Level: 10 - 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.

BAHS 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 rant 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 psychological, biological and sociological perspectives, explore the categories and social consequence of crime and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors - from arrest to punishment - help shape the criminal case process?

BAHS 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 intended for college bound seniors in need of additional support in building algebraic skills. Students will participate in projects and activities that focus on building a deeper understanding of Algebra and Geometry concepts. Upon completion of this course, students will be better prepared for college and career plans. This class will earn student an elective credit towards graduation requirements.

4418 Intermediate Algebra:
(2 Semesters - Credit Value: 2)
Prerequisite: Algebra I and Geometry and “D” or below in Algebra I
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.

BAHS Computer Science/ Business/Marketing 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: 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.

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.

Freshman Academy 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. Students will be required to use database to track repairs.

2406 Business Law:
(1 Semester - Credit Value: 1)
Prerequisite: None
Grade: 10, 11 and 12
This one semester course provides students with an understanding of the legal framework of our society. The topics covered include the history, development, and classifications of laws, personal and business law related to everyday life, contract law, the court system and courtroom procedures, legal terminology, constitutional rights, ethics and consumer protection.

240690 Business Law II:
(1 Semester - Credit Value: 1)
Prerequisite: None
Grade: 10, 11 and 12
This semester course builds upon the framework learned in Business Law I. It provides students with an understanding of law in business-related transactions, the workplace, and family law. Topics covered include technology law, employment law, Cyber law, and E-Commerce, Insurance and Estate Planning.
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, 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.

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.

8112 Intro to ArrowVision:
(2 Semesters - Credit Value: 2)
Prerequisite: Application (available at www.bahspulse.com)
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.)

4240- Yearbook I:
(2 Semesters - Credit Value: 2)
Prerequisite: Application required
Grade: 9
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.

4131 Digital Storytelling:
(2 Semesters – Credit Value: 2)
Prerequisite: Intro to ArrowVision or Instructor permission, Application (available at www.bahspulse.com)
Grade: 10, 11 and 12
Learn how to create engaging, effective and innovative stories through videos and other digital media formats. Students will gain the skills needed to become a digital storyteller, creating content that tells the stories of Broken Arrow students and staff as well as exploring the
students of their community and state. This class will help students choose a pathway into what kind of storyteller they want to be and explore the different career opportunities in the fields of journalism, modern filmmaking, podcasting and more. Students will work on crafting narrative stories that create emotional connections using the 4 A’s of ArrowVision, they will also develop a strong understanding of the 4 P’s of storytelling: people, places, plot and purpose. Students will learn advanced editing techniques using both Apple’s Final Cut Pro X and Adobe Premiere and use professional, state of the art equipment in the ArrowVision studio at BAHS.

430220 Creative Media Production I:
(2 Semesters – Credit Value: 2)
Prerequisite: Intro to ArrowVision and Digital Storytelling or instructor permission, Application (available at www.bahspulse.com)
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 bahspulse.com and YouTube. This course requires students to participate, promote and attend at least three after school events 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. Enrollment is limited to 16 students.

430230 Creative Media Production II:
(2 Semesters – Credit Value: 2)
Prerequisite: Intro to ArrowVision, Digital Storytelling, CMP1 or instructor permission, Application (available at www.bahspulse.com)
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. Enrollment is limited to 16 students.

430240 Sports Digital Media & Marketing:
(2 Semesters – Credit Value: 2)
Prerequisite: Intro to ArrowVision, Application (available at www.bahspulse.com)
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 shows, help promote Tiger athletic events and more. Students in this class will work with ArrowVision and the BA athletic department to develop new 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 area of the highly popular field of sports media and marketing. Enrollment is limited to 16 students.

430250 Filmmaking and Modern Media Production:
(2 Semesters – Credit Value: 2)
Prerequisite: Intro to ArrowVision, Application (available at www.bahspulse.com)
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, bahspulse.com 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. Enrollment is limited to 16 students.

4111 Convergence Journalism:
(2 Semesters - Credit Value: 2)
Prerequisite: Application required
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 the day to day operations of www.bahspulse.com, 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 BHAS magazine by using InDesign and the 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 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.

8149 Desktop Publishing & Graphic Design:
(2 Semesters – Credit Value: 2) c.c.
**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:
(2 Semesters – Credit Value: 2) c.c.
**Prerequisite:** Desktop/Digital Graphics
**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:
(2 Semesters – Credit Value: 2)
**Prerequisite:** Desktop/Digital Graphics, Multimedia & Image Management Techniques
**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 Lightroom, 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.
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.

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 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. There will be one section for student council and class officers and one section for other advanced students invited to take the course.

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.

Jobs for America’s Graduates (JAG) is a great bridge for students needing an extra push to the next level. The main goal as a program is to prepare the students for their next steps in life. Whether it is college, military, or the workforce, JAG wants you to be prepared for whatever it may be.

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.
275520 E-Sports:
(2 Semesters – Credit Value 2)
Prerequisite: None
Grade: 9, 10, 11 and 12
This course will support participating on the Broken Arrow competitive
ESports 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.

BAHS Internship Electives

Teaching Internship (Peer Tutoring):
279040 for Sophomores or Juniors
279041 for Seniors
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 10, 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.

279050 Career Exploration Internship (CEP):
279051 for an additional hour
(1 or 2 hour/2 Semesters - Credit Value: 2 to 4)
Prerequisite: Application required
Grade: 12
Students have the opportunity to intern at a business to help analyze
career choices. Students will be required to attend an evening
orientation with their parents. Students will report daily to their
placement prior to beginning of school. Weekly assignments as outlined
by CEP Coordinator.

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 hour
279061 for Seniors/2799070 for Senior additional hour
(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.

Career Pathway Internship:
279060 for Juniors/279071, 279080 for Junior additional hours
279081 for Seniors/279091, 279090 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.

Freshman Academy
Physical Education Electives

332030 Physical Education/Team Sports:
332031 PE/Team Sports II 2nd Semester if you take PE/Team Sports 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.

332040 Weightlifting:
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.
3310 Health (online course):
(1 semester - Credit Value: 1)
Prerequisite: None
Grade Level: 9
This course is an online alternative to Health and PE. Students will be instructed through the Edgenuity program regarding health and wellness, physical, mental, and emotional. A certified PE instructor will facilitate assignments and tests.

BAHS Physical Education Electives

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 Couch to 5K:
332021 -use only if you take Couch to 5K 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.

Freshman Academy JROTC Electives

2720 US Air Force JROTC I:
(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.

272010 US Air Force JROTC II:
(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.

**272030 Air Force JROTC III:**
(2 Semesters- Credit Value:2)
**Prerequisite:** Successful completion of AFJROTC II and AFJROTC instructor's permission.
**Grade:** 11 & 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.

**272040 Air Force JROTC IV:**
(2 Semesters- Credit Value:2)
**Prerequisite:** Successful completion of AFJROTC III and AFJROTC instructor’s approval.
**Grade:** 11 & 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.

**272020 Air Force JROTC Leadership:**
(2 Semesters- Credit Value:2)
**Prerequisite:** Successful completion of JROTC 1 and 2, application and instructor selection.
**Grade:** 11 & 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 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 – Freshman Academy & BAHS

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.

**Year Round Sports**

<table>
<thead>
<tr>
<th>Event</th>
<th>Docket</th>
</tr>
</thead>
<tbody>
<tr>
<td>333082 Boys Golf</td>
<td>333060 Boys Wrestling</td>
</tr>
<tr>
<td>333083 Girls Golf</td>
<td>333061 Girls Wrestling</td>
</tr>
<tr>
<td>33302010 10th Boys Basketball</td>
<td>333084 Boys Soccer</td>
</tr>
<tr>
<td>333011 Softball</td>
<td>333085 Girls Soccer</td>
</tr>
<tr>
<td>333050 Volleyball</td>
<td>333086 Boys Tennis</td>
</tr>
<tr>
<td>333070 JV Cheerleading</td>
<td>333087 Girls Tennis</td>
</tr>
<tr>
<td>333071 Cheerleading - Varsity</td>
<td>333010 Baseball</td>
</tr>
<tr>
<td>333072 JV Tigettes</td>
<td>333088 Boys Track</td>
</tr>
<tr>
<td>333073 Varsity Tigettes</td>
<td>333089 Girls Track</td>
</tr>
<tr>
<td>333030 Football</td>
<td>333080 Boys Cross Country</td>
</tr>
<tr>
<td>333040 Swimming</td>
<td>333081 Girls Cross Country</td>
</tr>
<tr>
<td>333020 Boys Basketball</td>
<td>3330 Athletic TrainerSeniors</td>
</tr>
<tr>
<td>333021 Girls Basketball</td>
<td></td>
</tr>
</tbody>
</table>

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: Steve Dunn, Executive Athletic Director, Athletic Office: 918-259-5900
CAREER TECH COURSES/GENERAL ELECTIVES

FCS-Visual Arts Pathway – Fashion Assistant:
1. FACS Basics
2. Fashion Design I
3. Fashion Design II

FCS - Education Pathway:
1. Lead Oklahoma
2. Teaching & Learning in Elementary, Secondary, & Adult Education
3. Teach Oklahoma

FCS – Health Sciences – Nutritional Science Pathway:
1. FACS Basics
2. Lifetime Nutrition & Wellness
3. Food Science

FCS – Human Services Pathway
1. FACS Basics
2. Human Growth & Development
3. Interpersonal Studies
4. Leadership & Management

All of the following courses may be taken as an elective without choosing to pursue a pathway.

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.

Freshman Academy Courses

8408 Lead Oklahoma:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9

Lead Oklahoma is an exceptional program that seeks out ninth-grade students who exemplify both academic and leadership skills. These students learn the responsibilities of school personnel, explore teaching as a career and compare it to other professions in terms of educational commitment and financial compensation. The Lead Oklahoma curriculum is a powerful and compelling resource for students which nurtures leadership potential, encourages academic success, and it builds and reinforces positive relationships. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

8953 Introduction to Manufacturing:
(2 Semesters - Credit Value: 2)
Recommended: Grade of “B” or better in Pre-Algebra or Algebra I
Grade: 9

Are you a hands-on learner? Do you like to make things and see how they work? If so, come explore the exciting and challenging careers in Manufacturing. Students will learn and use computer aided design software (such as SolidWorks and AutoCAD) manufacturing/materials engineering concepts, and 3D printing technology. Students will learn safety engineering, ergonomics, and tool usage, followed by the basics of blueprint reading, drafting, precision measuring and machining applications (CNC and CAM) to understand basic fabrication methods using sheet metal and composite materials. Students will also explore the automation and robotics industry using VEX robotics. Students will also be introduced to aerospace technology and engineering. In addition, basic welding principles will also be introduced. Students may receive advanced standing for this course if enrolled in Manufacturing Programs at Tulsa Technology Center.

8874 Aviation I:
(1 Semesters - Credit Value: 1)
Prerequisite: Grade of “C” or better in Pre-Algebra or Algebra I
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.

8415 FACS Basics:
(Family and Consumer Science) (FACS Basics):
(This is the entry level course for all career pathways) (2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9

This course is required if completing a FACS Pathway.

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):
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9
(Course is held on the BAHS campus)
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.

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.

BAHS Courses

VISUAL ARTS-FASHION ASSISTANT PATHWAY

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 Design 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.

EDUCATION & SERVICES PATHWAY

8419 School & Community Partnership I:
(2 Semesters – Credit Value: 2)
Prerequisite: Must have completed or be enrolled in any FACS course and must have transportation
Grade: 11 and 12
The School and Community Partnership I course provides a method of instruction which requires alternating study within the school setting and on-the-job training in the occupational career area of Family and Consumer Science (FACS). The student earns two units of credit for the course. One unit of credit is earned for the period of classroom study at the school site. One additional unit of credit is earned for qualified on-the-job training. Student leadership through Family, Career and Community leaders of America (FCCLA) is an integral part of this course.
8420 School & Community Partnership II:
(2 Semesters – Credit Value: 2)
Prerequisite: Must have completed or be enrolled in any FACS course and must have transportation
Grade: 11 and 12
The Family and Consumer Sciences School and Community Partnership II course provides an instructional program designed to further develop employability and customer service skills to the senior level student within the school setting and on-the-job training. 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: 10, 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 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.

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.

MANUFACTURING PATHWAY

362110 Certification Production Technician:
(2 Hour / 2 Semesters PM Course – Credit Value: 4)
Grade: 12 (Must be 18 by 2/1/20 to be considered for employment, but not required to take the course)
This two hour, two semester course is designed for students who are interested in obtaining a production certification, which will allow students the ability to start a career in manufacturing upon graduating. The course’s primary focus will be to provide students industry certifications in safety, quality, and manufacturing processes with a production focus, maintenance awareness and on the job training. Students will attend two academic courses the first semester and interview second semester with local manufacturing businesses for a two hour paid internship placement equivalent to a ten-hour work week. Students who complete the program, in addition to the opportunity for employment, will also qualify for dual credit if they pursue an associate degree in Applied Science through Tulsa Community College upon graduation. Internship will be at the discretion/needs of the company, it is not a guarantee. Employment will be based on attendance as well as performance in the course.
**AGRICULTURAL CAREER PATHWAY (FFA)**

**Animal Science Pathway Requirements:**
1. Introduction to Agri-science
2. Introduction to Animal Science
3. Agriculture Communications

**Plant & Soil Science Pathway Requirements:**
1. Introduction to Agri-science
2. Introduction to Horticulture
3. Greenhouse Production & Floral Design

**Agriculture Power, Structures & Technology Pathway Requirements:**
1. Introduction to Agri-science
2. Introduction to Ag Power & Technology
3. Ag Power & Technology
4. Ag Structures

**8004 Introduction to Agri-science: (Animal Sciences):**
(2 Semesters - Credit Value: 2)
**Prerequisite:** None
**Grade:** 9-12

Agri-science I is designed to introduce students to the broad scope of agriculture and agricultural-related industries. In addition, the Agri-science curriculum includes 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.

**8012 Introduction to Animal Science: (Animal Sciences):**
(2 Semesters - Credit Value: 2)
**Prerequisite:** Agri-science I
**Grade:** 10, 11 and 12

This course provides information to introduce students to careers related to animal science and animal production. This course provides laboratory and lecture to students interested in veterinary medicine, livestock production and nutrition, genetics, or biology.

**8009 Introduction to Agricultural Power & Technology:**
(2 Semesters - Credit Value: 2)
**Prerequisite:** Agri-science I
**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 Semesters - Credit Value: 2)
**Prerequisite:** Agri-science I
**Grade:** 11 and 12

This course involves the selection of raw materials to be used in the construction of projects. Students will be required to build projects as part of their grade. Materials will be provided for project demonstration. However, materials for personal projects will be the sole responsibility of the student. Use of power tools, cutting and welding procedures will be emphasized in this course. FFA membership is highly recommended to allow students to compete in various contests related to the course.

**8011 Agricultural Structures:**
(2 Semesters - Credit Value: 2)
**Prerequisite:** Agri-science I
**Grade:** 12

This course will provide a more advanced look at the selection of raw materials to be used in the construction of projects. Students will be required to build advanced projects as part of their grade. Materials will be provided for project demonstration. However, materials for personal projects will be the sole responsibility of the student. Use of power tools, cutting and welding procedures will be emphasized in this course. FFA membership is highly recommended to allow students to compete in various contests related to the course.

**8022 Introduction to Agricultural Communications:**
(Animal Sciences Pathway)
**Prerequisite:** Agri-science I
**Grade:** 12

This major area of study provides students with an opportunity to learn about the field of agriculture communications and leadership. It also provides those seeking advancement in degrees and state awards an opportunity to complete these applications while under supervision. Moderate computer usage occurs in this course.

**8029 Introduction to Horticulture:**
(Plant & Soil Sciences Pathway)
**Prerequisite:** None
**Grade Level:** 10, 11, 12

This course will provide a more advanced look into the operation and maintenance of a greenhouse. Students will be responsible for maintaining the school greenhouse operation. Propagating, diseases, nutrition and cultural practices related to ornamental horticulture plants will be emphasized. FFA membership is highly recommended to allow students to compete in various contests related to the course.

**8030 Greenhouse Production and Floral Design:**
(Plant & Soil Sciences Pathway)
**Prerequisite:** Horticulture I
**Grade Level:** 11, 12

This course will provide a more advanced look into the operation and maintenance of a greenhouse. Students will be responsible for maintaining the school greenhouse operation. Propagating, diseases, nutrition and cultural practices related to ornamental horticulture plants will be emphasized. FFA membership is highly recommended to allow students to compete in various contests related to the course.
Students must complete application process. Students can earn college credit for courses taken at Tulsa Technology Center. This credit may be applied toward an Associate Degree.

Manufacturing Program
(BAHS campus)

8826 Advanced Design Applications:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9
Are you a “hands-on-learner”? Do you like to make things and see how they work? If so, come explore the exciting and challenging careers in Manufacturing. This program will provide a jump start into advanced manufacturing courses that can lead into a high paying career. Students will learn safety and tool usage, followed by the basics of blueprint reading, study the machining industry and basic fabrication methods using sheet metal and composite materials. Basic welding principles will also be introduced. Students may receive advanced standing for this course if enrolled in Manufacturing Programs at Tulsa Technology Center.

8952 Foundations of Manufacturing:
(2 Semesters - Credit Value: 2)
Prerequisite: Application through TTC
Grade: 10, 11 and 12
After completing the Introduction to Manufacturing course, students further investigate processes of manufacturing. This course covers topics of automated design and machining, review blueprint basics, symbols related to electrical circuits, hydraulics, pneumatics, welding and fundamentals of robotics. Students learn the concepts of creating products. Workplace safety, communication and problem solving skills are incorporated. Students completing this course will be prepared to enter an advanced manufacturing career major at Tulsa Technology Center.

Pre-Engineering Program
(BAHS campus)

8709 Intro to Engineering Design:
(2 Semesters - Credit Value: 2) c.c.
Prerequisite: Application through TTC
Grade: 9, 10, 11, and 12
Utilizes project lead the way curriculum. Dig deep into engineering design process by applying math & science. Design solutions using 3D modeling software.

8710 Principles of Engineering (POE):
(2 Semesters - Credit Value: 2) c.c.
Prerequisite: Introduction to Engineering Design (IED) OR application through TTC.
Grade: 10
The course utilizes Project Lead the Way and provides another hands-on course that helps students understand the field of engineering and engineering technology. Utilizing projects, modeling kits and computers, students explore technology systems and engineering processes to find out how math, science and technology help people. Students develop skills in problem solving, research, and design.

Pre-Engineering Program
(Tulsa Technology Center campus)

Courses offered at the BAHS campus

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
Introduction to Construction (Semester PM Only) Lemley
Electrical Trades (1yr) SS
Heating, Vent. A/C (2yrs) Lemley
Masonry (1 yr. AM Only) Lemley
Electronic Control Systems (1 yr) SS

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
Digital Electronics (1yr.) Lemley
4111/4114 Health Science (HLTH):
Dental Assisting (1 yr.) HSC
Health Science Technology (1 yr.) All Campuses
Medical Assisting (1 yr.) HSC & Owasso
Nursing Options (1 yr.) HSC
Sports Medicine & Therapy Professions (1 yr.) HSC
Pharmacy Technician (1 yr.) HSC & Owasso
Vision Care Assistant (1 yr.) HSC
Nursing Assistant (1 semester) Peoria
Emergency Medical Responder/Emergency Medical Responder Technician (1yr) Peoria
Emergency Medical Technician (1 semester) Peoria
5011/5014 Information Technology (INFT):Peoria
Animation (2 yrs.) Riverside
Enterprise Network Associate (1 yr.) Riverside
Computer Repair & Network Support (1 yr.) Riverside & Owasso
Cyber Security/Forensics (2 yr.) Riverside
Multimedia Design (2 yrs.) Riverside
Windows Server Administrator (1-2 yrs.) Riverside
Mobile App Development (1 yr.) Riverside

6011/6014 Manufacturing (MANF):
Drafting (2 yrs.) BA
Mechatronics (2 yrs.) BA
Certified Machining Technician (2yrs) Lemley, Peoria, SS
Welding Combination (2yrs) BA
Applied Engineering Technology (1 yr.) Owasso

6111/6114 Science, Technology, & Engineering (SCTE):
Advanced Pre-Engineering (2 yrs.) Lemley
Biomedical Sciences (2yrs. Juniors Only) HSC

6211 Foundations of Engineering (1hr/1yr):
Intro to Engineering Design Freshmen Academy

6212 Foundations of Engineering (1hr/1yr):
Principles of Engineering High School

7011/7014 Hospitality & Tourism (HSPT):
Restaurant/Lodging Management (2yrs) Owasso
Culinary Arts (2yrs) Owasso

7111/7114 Human Services (HMSV):
Cosmetology (2 yrs.) BA, Peoria, SS
Early Care & Education (2 yrs. Juniors Only) Peoria

8011/8014 Finance:
Accounting (1yr) Peoria

8101/8104 Marketing:
Business Management/Entrepreneurship (1yr) Owasso

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
Aerospace Structure Technician (1 Semester) Riverside
Medium/Heavy Diesel Service Technician (2yrs) BA
Motorcycle Technician (1 yr.) BA
Aviation Generals (2yrs) Riverside
Private Pilot Ground School (1yr) Riverside
Power Sports/Power Equipment Technology (1 yr.) BA

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 CAMPUS
4600 South Olive Broken Arrow, OK 74011-1706 918-828-3000

LEMLEY CAMPUS
3420 South Memorial Drive Tulsa, OK 74145-1390 918-828-1000

PEORIA CAMPUS
3850 North Peoria Tulsa, OK 74106-2261 918-828-2000

RIVERSIDE CAMPUS
801 E. 9th Street Tulsa, OK 74132-4008 918-828-4000

SAND SPRINGS CAMPUS
924 Charles Page Blvd Sand Springs, OK 74063 918-828-1300

OWASSO CAMPUS
10800 N. 140 E. Avenue Owasso, OK 74055 918-828-1400
CONCURRENT 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.

Concurrent college courses count as high school and college credits. Students must meet the minimum SAT/ACT scores to take Concurrent 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.

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.

Concurrent Enrollment Testing Requirements

<table>
<thead>
<tr>
<th>Curricular Area</th>
<th>ACT</th>
<th>Pre_ACT (10th Grade)</th>
<th>Residual ACT</th>
<th>SAT</th>
<th>PSAT10 or PSAT NMSQT</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Courses</td>
<td>19 Reading &amp; 19 English</td>
<td>19 Reading &amp; 19 English</td>
<td>19 Reading &amp; 19 English</td>
<td>510 Reading &amp; Writing</td>
<td>510 Reading and Writing</td>
</tr>
<tr>
<td>Math Courses</td>
<td>19 Reading &amp; 20 Math (Math 1513)</td>
<td>19 Reading &amp; 20 Math (Math 1513)</td>
<td>19 Reading &amp; 20 Math (Math 1513)</td>
<td>510 R/W &amp; 520 Math (Math 1513)</td>
<td>510 R/W and 520 Math (Math 1513)</td>
</tr>
<tr>
<td>Science</td>
<td>19 Science Reasoning</td>
<td>19 Science Reasoning</td>
<td>19 Science Reasoning</td>
<td>510 Reading &amp; Writing</td>
<td>510 Reading &amp; Writing</td>
</tr>
<tr>
<td>Other</td>
<td>19 Reading</td>
<td>19 Reading</td>
<td>19 Reading</td>
<td>510 Reading &amp; Writing</td>
<td>510 Reading &amp; Writing</td>
</tr>
</tbody>
</table>

Placement Test
1. Complete admission at any campus Enrollment Services
2. Take high school transcript, national test scores and list of courses needed to advising at any TCC campus
3. The advisor will give the appropriate Accuplacer Referral Slip to the student
4. Referral will be taken to testing center. Scores are received at time of test
5. Take Scores to high school counselor in order to take the next step in enrollment if eligible

On BAHS Campus:

ENGL 1113 Composition I:
(1 Semester – HS Credit Value: 2 for English 12) c.c., N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for minimum ACT/SAT scores.
Grade: 12
The first in a sequence of two courses and introduces students to academic writing, basic research and documentation.

ENGL 1213 Composition II:
(1 Semester – HS Credit Value: 2 for English 12) c.c., N (GPA Weight +1.0)
Prerequisite: 3+ on AP Language test or see chart for minimum ACT/SAT scores.
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:
(1 Semester – HS Credit Value: 2 for Algebra II or Algebra III) c.c., N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for minimum ACT/SAT scores.
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 applications. Prerequisites: Two years of high school algebra and appropriate ACT mathematics score of 20.
**On NSU BA Campus:**

**ENGL 1113 Composition I:**  
(1 Semester – HS Credit Value: 2 for English 11 or 12) c.c., N (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for minimum ACT/SAT scores.  
**Grade:** 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:**  
(1 Semester – HS Credit Value: 2 for English 12) c.c., N (GPA Weight +1.0)  
**Prerequisite:** 3+ on AP Language test or see chart for minimum ACT/SAT scores.  
**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.

**HIST 1063 Modern Western Civilization:**  
(1 Semester – HS Credit Value: 2 for World History) c.c., N (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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:**  
(1 Semester – HS Credit Value: 2 for World History) c.c., N (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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:**  
(1 Semester – HS Credit Value: 2 for US History) c.c., N (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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:**  
(1 Semester – HS Credit Value: 2 for US Government) c.c., N (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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:**  
(1 Semester – HS Credit Value: 2 Elective Credit Only) c.c., N (GPA Weight 1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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:**  
(1 Semester – HS Credit Value: 2 for Psychology) N (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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**  
(1 Semester-HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)  
**Prerequisite:** PSYC 1113, or instructor approval and See chart for scores  
**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.

**MATH 1513 Pre-Calculus:**  
(1 Semester – HS Credit Value 2: for Algebra II or Algebra III) c.c., N (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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.

**BIOL 1383 Nutrition:**  
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)  
**Prerequisite:** Testing Requirements Chart on pg 53 for scores.  
**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.
COMM 1113 Public Speaking:
(1 Semester – HS Credit Value: 2 Elective Credit Only) N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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:
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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.

ART 1113 - Art Appreciation:
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
Grade: 11 and 12
The study of art from a variety of different backgrounds and cultures as both product and process. Aesthetic judgment-making in evaluation of art from different times and places is stressed.

ENGL 2413 - Introduction to Literature:
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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:
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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.

HUMN 2223 - Humanities II: Renaissance to the Early 20th Century:
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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 the Renaissance to the early twentieth century.

PHIL 1113 - Introduction to Philosophy:
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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:
(1 Semester – HS Credit Value: 2 for Math Credit Only) c.c., N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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:
(1 Semester – HS Credit Value: 2 Elective Credit Only) N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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.
ECON 2013 – Principles of Macroeconomics:
(1 Semester – HS Credit Value: 2 Elective Credit Only) N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
Grade: 11 and 12
An introduction to the functioning and current problems of the aggregate economy. Major topics include supply and demand; national income accounting; business cycles; inflation and unemployment; determinants of the level of output; employment and prices; money and banking; fiscal policy; monetary policy; economic growth; and international trade and finance.

SOC 2113 – Social Problems in America
(1 Semester – HS Credit Value: 2 Elective Credit Only) N (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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.

Virtual Fine Arts 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.

2808V Foundations of Art I:
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9, 10, 11 and 12
Students take this course virtually

2809V Foundations of Art II
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 9, 10, 11 and 12
Students take this course virtually

2871V Painting I:
(1 semester - Credit Value: 1)
Prerequisite: Foundations of Art 1 and 2, or Pre-AP Art
Grade: 10-12
Students take this course virtually

3054VS1 Music Theory
3054VS2 for Semester 2 if you select it for semester 1
(2 Semesters - Credit Value: 2)
Recommended: Passing qualifying exam
Grade: 12
Students will take this course virtually

4221VS1 Competitive Speech I:
4221VS2 if you take it Semester 1 also
(2 Semesters - Credit Value: 2)
Prerequisite: None
Grade: 10, 11 and 12
Students will take this course virtually
EARLY COLLEGE HIGH SCHOOL

ECHS is preparing students to complete their first year of college or their Associate’s degree at Tulsa Community College at the same time that they are graduating from high school. ECHS students will skip 1-2 years of high school preparation for college so the curriculum is designed to support students being ready for college by the end of their sophomore year of high school.

Early College High School

<table>
<thead>
<tr>
<th>TCC High School + One</th>
<th>TCC Dual Credit2College Degree</th>
<th>TCC Early College High School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Who &amp; When: 8th grade students apply in the fall/winter of their 8th grade year. All students are not accepted into TCC's ECHS are accepted.</td>
<td>Who &amp; When: 8th grade students apply in the fall/winter of their 8th grade year. All students who are not accepted into TCC's ECHS are accepted; 10th grade students can also apply fall/winter of their 10th grade year.</td>
<td>Who &amp; When: 8th grade students apply in the fall/winter of their 8th grade year for enrollment their 9th grade. Students from low socio-economics families, underpresented minorites, and first generation students are giving preference.</td>
</tr>
<tr>
<td>How to Apply? Contact Dr. Kim Garrett at ECHS for application</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cost? Approximately $100 per course for students with Oklahoma Promise; Approximately $200 per course for other students.</td>
<td>Cost? Free for students with Oklahoma Promise. Approximately $100 per course for other students.</td>
<td>Cost? No cost for those accepted.</td>
</tr>
<tr>
<td>Degree? Students can take 1 year of college by the end of students’ senior year.</td>
<td>Degree? Associate’s degree by the end of students’ senior year.</td>
<td>Degree? Associate’s degree by the end of students’ senior year.</td>
</tr>
</tbody>
</table>

ECHS students are able to select 1 elective at BAFA if they are first year ECHS students and they can select 2 electives at BAHS 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:

- Art 1113 - Art Appreciation
- POLS 1113 - American Government
- COLL 1003 - College Success
- SOCI 1113 - Intro to Sociology
- COMM 1113 - Public Speaking
- PHIL 1113 - Intro to Philosophy
- 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
- CRIM 1013 - Intro to Criminal Justice

Descriptions for these courses are on p. 51-53.
There is some flexibility the senior year for alternative TCC courses.
**ECHS English Pathways**

**ECHS English Pathway**

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th grade:</td>
<td>Pre-AP English</td>
</tr>
<tr>
<td>10th grade:</td>
<td>Pre-AP English 10</td>
</tr>
<tr>
<td>11th grade:</td>
<td>TCC ENGL 1113 Comp 1 and TCC ENGL 1213 Comp 2</td>
</tr>
<tr>
<td>11th grade:</td>
<td>English 11 and TCC ENGL 1113 Comp 1</td>
</tr>
<tr>
<td>12th grade:</td>
<td>TCC ENGL 1213 Comp 2</td>
</tr>
</tbody>
</table>

---

*College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.*

**404590 Pre-AP English 9: Grammar/Composition/Literature:**
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

**Grade:** 9  **Prerequisite:** None

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.

**404890 Pre-AP English 10: Grammar/Composition/Literature:**
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)

**Grade:** 10  **Prerequisite:** None

Student reading is based on World Literature and focuses on literary analysis of 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 analysis responses. Student writings will mainly be timed writings. 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

**Grade:** 9  **Prerequisite:** None

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.

**TCC ENGL 1113 Composition I:**
(1 Semester – HS Credit Value: 2 for English 11 or 12) c.c., N (GPA Weight +1.0)

**Prerequisite:** ENGL 0933 with a grade of “C” or better, or appropriate placement score. Testing Requirements Chart on pg 53 for minimum ACT/SAT scores.

**Grade:** 12

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

**TCC ENGL 1213 Composition II:**
(1 Semester – HS Credit Value: 2 for English 12) c.c., N (GPA Weight +1.0)

**Prerequisite:** ENGL 1113 with a grade of “C” or better. 3+ on AP Language test or see chart for minimum ACT/ SAT scores.

**Grade:** 12

The second in a sequence of two courses. Furthers analytical reading skills, academic writing and techniques of research and documentation.
**ECHS Social Studies Pathways**

**5615 Oklahoma History:**
(1 Semester - Credit Value: 1) c.c., N

*Grade: 9  Prerequisite: None*

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 Pre-AP U.S. Government:**
(1 Semester - Credit Value: 1) c.c., N

*Grade: 9  Prerequisite: None*

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. This course requires students to demonstrate self-motivation as well as critical thinking skills. The course will prepare students for the transition into AP course work.

**5736 AP World History:**
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +2.0)

*Grade: 10, 11, and 12  Prerequisite: None*

**AP World:** Modern History 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.

**TCC HIST 1493 U.S. History Civil War Era to the Present:**
(1 Semester – HS Credit Value: 2 for US History) c.c., N (GPA Weight +1.0)

*Prerequisite: Testing Requirements Chart on pg 53 for scores.*

*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.

**TCC HIST 1053 Ancient & Medieval Western Civilization:**
(1 Semester – HS Credit Value: 2 for World History) c.c., N (GPA Weight +1.0)

*Prerequisite: Testing Requirements Chart on pg 53 for scores.*

*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.

**TCC HIST 1063 Modern Western Civilization:**
(1 Semester – HS Credit Value: 2 for World History) c.c., N (GPA Weight +1.0)

*Prerequisite: Testing Requirements Chart on pg 53 for scores.*

*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.

---

*College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.*
ECHS Science Pathways

9th grade:
Pre-AP Biology

10th grade:
Pre-AP Physical Science or Pre-AP Chemistry

11th grade:
TCC BIOL 1383 Nutrition or another high school science course

12th grade:
TCC BIOL 1114 Gen Biology for Non-Majors or TCC BIOL 1224 Introduction to Biology for Science Majors

* College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.

503190 Pre-AP Biology I:
(2 Semesters – Credit Value: 2) c.c., N (GPA Weight +1.0)
Grade: 9  Prerequisite: None
This laboratory science course addresses the same concepts as Biology I, but includes select standards identified by the College Board for Advanced Placement Biology. These standards require more developed mathematical application, and students are expected to construct many of their own laboratory procedures. This course is required for graduation and is a prerequisite for many other science courses.

5160 Pre-AP Physical Science:
(2 Semester - Credit Value: 2) c.c., N
Grade: 10 and 11  Prerequisite: None.
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. This course requires students to demonstrate self-motivation as well as critical thinking skills. This course will prepare students for the transition into AP or college level courses.

505190 Pre-AP Chemistry I:
(2 Semesters - Credit Value: 2) c.c., N (GPA Weight +1.0)
Grade: 10, 11  Prerequisite: Successful completion of Biology; current enrollment in or completion of Algebra II
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 & covalent compounds, stoichiometry and the mole concept, types of chemical reactions, behavior of gases, and reactions and properties of acids & 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.

TCC BIOL 1383 Nutrition:
(1 Semester – HS Credit Value: 2 Elective Credit Only) (GPA Weight +1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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.

TCC BIOL 1114 - General Biology for Non-Majors:
(1 Semester – HS Credit Value: 2 Science Credit Only) c.c., N (GPA Weight 1.0)
Prerequisite: Testing Requirements Chart on pg 53 for scores.
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.

TCC BIOL 1224 - Introduction to Biology for Majors (L):
Introductory biology course for majors with lab. This course includes an in-depth study of fundamental biological concepts, including metabolism, homeostasis, heredity, evolution, and ecology at the sub-cellular, cellular and organismal levels. It provides the foundation for other advanced courses in the biological sciences.
College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.

4411 Algebra I:  
(2 Semesters - Credit Value: 2) c.c., N  
Grade: 9  
Prerequisite: None  
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  
Grade: 9  
Prerequisite: Algebra I  
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)  
Grade: 9  
Prerequisite: Algebra I  
Recommended: “B” or above in Algebra I  
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)  
Grade: 10, 11  
Prerequisite: Pre-AP Algebra I and Pre-AP Geometry  
Recommended: “B” or above in Pre-AP Algebra I & Pre-AP Geometry  
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: (1) simplifying, factoring, graphing and solving all polynomial functions, (2) radical operations with rational exponents, (3) rational expressions, (4) series and sequences and an introduction to trigonometric functions. Algebra II Pre-AP is designed to prepare students for success in AP and other challenging courses. Graphing calculators are recommended as calculator skills will be taught and used extensively.

TCC MATH 1473 - Quantitative Reasoning:  
(1 Semester – HS Credit Value: 2 for Math Credit Only) c.c., N (GPA Weight +1.0)  
Grade: 11 and 12  
Prerequisite: 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. Testing Requirements Chart on pg 53 for scores.  
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.

TCC MATH 1513 Pre-Calculus:  
(1 Semester – HS Credit Value 2: for Algebra II or Algebra III) c.c., N (GPA Weight +1.0)  
Grade: 11 and 12  
Prerequisite: Two years of high school algebra and appropriate ACT mathematics score of 20. Testing Requirements Chart on pg 53 for scores.

ECHS Math Pathways

9th grade:  
Algebra I, Geometry, or Pre-AP Algebra II

10th grade:  
Pre-AP Geometry, Pre-AP Algebra II

11th grade:  
Math 1473 Quantitative Reasoning or Math 1513 Pre-Calculus

11th grade:  
Pre-AP Algebra II

12th grade:  
Math 1473 Quantitative Reasoning or Math 1513 Pre-Calculus

* College Credit - In general, universities accept dual credit courses and an AP score of 3, 4, or 5. It is the responsibility of the student to verify this to be the case.