

Bray-Doyle High School

Course Description Guide for Grades 9-12
2021-2022



“Home of the Donkeys”

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Dear Students and Families:

This guide has been created to help you make some important decisions regarding your high school career, as well as help prepare you for post-secondary opportunities. The course schedule you select should meet graduation requirements and challenge you along the way. According to Oklahoma Administrative Code 210:35-9-31(c), in order to graduate with a standard diploma from an accredited public high school, students shall complete twenty-three (23) units of competencies in grades nine (9) through twelve (12). Bray-Doyle Public Schools requires twenty-seven (27) units of competencies in grades nine (9) through twelve (12). Students shall accomplish these requirements by following the College Preparatory/ Work Ready Curriculum at Bray-Doyle.

Please consult with your teachers, counselors, administrators, and parents as you make your final decisions.

Disclaimer

The policies and regulations of Bray-Doyle Public Schools' Board of Education, or any changes to the Board of Education policies and regulations after the printing of this guide, supersede all information provided in this course guide. For more detailed information, please refer to Bray-Doyle Public Schools' Board of Education webpage at

<https://www.braydoyle.k12.ok.us/253252>.

Bray-Doyle High School

1205 S. Brooks Road
Marlow, OK 73055
(580) 658-5071, ext. 3



Superintendent

David Eads

High School Principal

James Vines

School Counselors

Mary Chambers

Matt Tillson

Oklahoma College Entrance Requirements

Below are the courses you must complete if you want to go to an Oklahoma state college or university. If you enter the job market after high school, these courses will also help prepare you for on-the-job success.

Course Requirements for Oklahoma State Colleges and Universities		
English	4 courses	Grammar, Composition, & Literature
Math	3 courses	Algebra I, Algebra II, Geometry, Math Analysis, Trigonometry, Pre-Calculus (must have completed Geometry & Algebra II), Calculus, & Advanced Placement Statistics
Laboratory Science	3 courses	Biology, Chemistry, Physics, or any lab science certified by the school district
History/Citizenship Skills	3 courses	Must include 1 course of American History and 2 courses from the subjects of history, economics, geography, government, civics, and/or non-western culture
Other	2 courses	From any of the subjects listed above or from Computer Science or Foreign Language
Total	15 courses	

Suggestions for Success: Colleges and universities also recommend, but do not require that you take an additional unit in math, an additional unit in lab sciences, and two units in speech or fine arts (music, art, or drama).

Oklahoma Public College & University Admissions Standards

For information on admissions, the following link will take you to the Oklahoma State Regents for Higher Education <https://bit.ly/3itLCOx>. From this site, you can link to all Oklahoma universities' websites.

Community Colleges: No minimum required. You should take the required high school courses and graduate from an accredited high school or have a GED and take a nationally recognized college and career readiness exam.

Bray-Doyle High School Coursework Graduation Requirements

This page can be used as a checklist to keep track of completed requirements. The State minimum is 23 units, but Bray-Doyle requires 27 units for graduation.

ENGLISH [4 UNITS OR SETS OF COMPETENCIES]			
<input type="checkbox"/> ENGLISH I	<input type="checkbox"/> ENGLISH II	<input type="checkbox"/> ENGLISH III	<input type="checkbox"/> ENGLISH IV
<input type="checkbox"/> OTHER ENGLISH COURSE APPROVED FOR COLLEGE ADMISSION REQUIREMENTS			
MATHEMATICS [3 UNITS OR SETS OF COMPETENCIES]			
BEGINNING WITH THOSE ENTERING THE 9TH GRADE IN THE 2008-09 SCHOOL YEAR, ALL STUDENTS MUST TAKE 3 UNITS OF MATHEMATICS IN GRADES 9-12 IN ADDITION TO ANY OF THE FOLLOWING COURSES TAKEN PRIOR TO GRADE 9			
<input type="checkbox"/> ALGEBRA I	<input type="checkbox"/> ALGEBRA II	<input type="checkbox"/> GEOMETRY	<input type="checkbox"/> TRIGONOMETRY
<input type="checkbox"/> MATH ANALYSIS	<input type="checkbox"/> CALCULUS	<input type="checkbox"/> STATS & PROBABILITY	<input type="checkbox"/> AP STATISTICS
<input type="checkbox"/> OTHER MATHEMATICS COURSE APPROVED FOR COLLEGE ADMISSION REQUIREMENTS			
LABORATORY SCIENCE [3 UNITS OR SETS OF COMPETENCIES]			
ONE UNIT MUST BE A LIFE SCIENCE MEETING THE STANDARDS FOR BIOLOGY. ONE UNIT MUST BE A PHYSICAL SCIENCE MEETING THE STANDARDS FOR PHYSICAL SCIENCE, CHEMISTRY OR PHYSICS AND ONE UNIT MUST BE FROM THE DOMAINS OF PHYSICAL SCIENCE, LIFE SCIENCE OR EARTH AND SPACE SCIENCE WITH CONTENT AND RIGOR ABOVE BIOLOGY OR PHYSICAL SCIENCE.			
<input type="checkbox"/> BIOLOGY I	<input type="checkbox"/> CHEMISTRY	<input type="checkbox"/> PHYSICS	
<input type="checkbox"/> OTHER LAB SCIENCE COURSE APPROVED FOR COLLEGE ADMISSION REQUIREMENTS			
HISTORY & CITIZENSHIP SKILLS [3 UNITS OR SETS OF COMPETENCIES]			
<input type="checkbox"/> U.S. HISTORY	<input type="checkbox"/> 1/2 U.S. GOVERNMENT	<input type="checkbox"/> 1/2 OKLAHOMA HISTORY	
<input type="checkbox"/> SELECTED FROM THE SUBJECTS OF HISTORY, GOVERNMENT, GEOGRAPHY, ECONOMICS, CIVICS, OR NON-WESTERN CULTURE AND APPROVED TO MEET COLLEGE ADMISSIONS REQUIREMENTS			
WORLD OR NON-ENGLISH LANGUAGE OR COMPUTER TECHNOLOGY [2 UNITS OR SETS OF COMPETENCIES]			
2 UNITS OR SETS OF COMPETENCIES - COMPUTER TECHNOLOGY APPROVED FOR COLLEGE ADMISSION REQUIREMENTS, WHETHER TAUGHT AT A HIGH SCHOOL OR A TECHNOLOGY CENTER SCHOOL, INCLUDING COMPUTER PROGRAMMING, HARDWARE, AND BUSINESS COMPUTER APPLICATIONS, SUCH AS WORD PROCESSING, DATABASES, SPREADSHEETS, AND GRAPHICS EXCLUDING KEYBOARDING OR TYPING COURSES.			
<input type="checkbox"/> 1ST YEAR OF WORLD OR NON-ENGLISH LANGUAGE	<input type="checkbox"/> 1ST YEAR OF COMPUTER TECHNOLOGY	AND (EXCLUDES KEYBOARDING OR TYPING COURSES)	
<input type="checkbox"/> 2ND YEAR OF SAME WORLD OR NON-ENGLISH LANGUAGE	<input type="checkbox"/> 2ND YEAR OF COMPUTER TECHNOLOGY		
1 ADDITIONAL UNIT OR SET OF COMPETENCIES			
ONE ADDITIONAL UNIT SELECTED FROM ABOVE OR CAREER AND TECHNOLOGY EDUCATION COURSES, CONCURRENTLY EMPLOYED COURSES, ADVANCED PLACEMENT COURSES OR INTERNATIONAL BACCALAUREATE COURSES APPROVED FOR COLLEGE ADMISSION CAN ALSO MEET THE REQUIREMENTS OF ONE ADDITIONAL UNIT OR SET OF COMPETENCIES SELECTED FROM THE AREAS OF ENGLISH, MATH, SCIENCE, HISTORY OR COMPUTER TECHNOLOGY.			
<input type="checkbox"/> SELECTED FROM ANY COURSES LISTED PREVIOUSLY			
FINE ARTS OR SPEECH [1 UNIT OR SET OF COMPETENCIES]			
<input type="checkbox"/> MUSIC	<input type="checkbox"/> ART	<input type="checkbox"/> DRAMA	<input type="checkbox"/> SPEECH
Bray-Doyle Electives (10 units minimum)			
<input type="checkbox"/>			
PERSONAL FINANCIAL LITERACY REQUIREMENT 70 O.S. §11-103.6H			
STUDENTS SHALL COMPLETE THE REQUIREMENTS FOR A PERSONAL FINANCIAL LITERACY PASSPORT AS SET FORTH IN THE PASSPORT TO FINANCIAL LITERACY ACT AND ANY ADDITIONAL COURSE REQUIREMENTS OR RECOMMENDED ELECTIVE COURSES AS MAY BE ESTABLISHED BY THE STATE BOARD OF EDUCATION AND THE DISTRICT SCHOOL BOARD. CONTACT YOUR LOCAL SCHOOL DISTRICT OFFICIALS FOR SPECIFIC DETAILS.			
<input type="checkbox"/> PERSONAL FINANCIAL LITERACY			
CPR/AED REQUIREMENT 70 O.S. §1210.199			
BEGINNING WITH THE 2015-16 SCHOOL YEAR, ALL STUDENTS ENROLLED IN PUBLIC SCHOOL SHALL RECEIVE INSTRUCTION IN CARDIOPULMONARY RESUSCITATION (CPR) AND AWARENESS OF THE PURPOSE OF AN AUTOMATED DEFIBRILLATOR AT LEAST ONCE BETWEEN THE 9TH GRADE AND GRADUATION.			
<input type="checkbox"/> CPR/AED			

ASSESSMENT REQUIREMENTS 70 O.S. §1210.508

For the 2021-2022 school year, students will take assessments in English Language Arts, Mathematics and Science (OSTP College and Career Ready Assessments ACT or SAT and Science Content in the 11th grade) in compliance with the Every Student Succeeds Act that are aligned with the Oklahoma Academic Standards. State law also requires students to be tested in U.S. History once during high school.

Each student is required to take the assessments included in the statewide student assessment system (OSTP College and Career Ready Assessments ACT or SAT and Science Content in the 11th grade) as adopted by the State Board of Education in order to graduate from a public high school with a standard diploma. Each student will also be required to meet any other high school graduation requirements adopted by the State Board of Education.

Beginning with students entering the ninth grade in the 2019-2020 school year (class of 2023), each student is required to complete the process of an Individual Career Academic Plan (ICAP) in order to graduate from a public high school with a standard diploma. 70 O.S. §2320.508-4

Districts are required to report on the transcript a student's highest-achieved score on the assessments included in the statewide student assessment system adopted by the State Board of Education and any business- and industry-recognized endorsements attained.

Checklists for each graduating class may be accessed at <https://bit.ly/2NnzKSF>.

State Law Requirements

Acquired Immunodeficiency Syndrome (AIDS) Prevention Education (70 O.S. § 11-103.3) Bray-Doyle Public Schools will provide AIDS Prevention Education to students once in grades 7-9 and 10-12. Acquired Immunodeficiency Syndrome (AIDS) Prevention Education will be limited to the discussion of the disease AIDS and its spread and prevention. Yearly previews of the material will be available in the high school office.

CPR/AED Training (70 O.S. § 1210.199) All students in grades 9-12 will receive instruction in CPR, participate in hands-on-practice, and become aware of the use of AEDs (automated defibrillator) at least once between 9th grade and graduation.

Personal Financial Literacy Requirement (70 O.S. § 11-103.6h) In order to graduate from a public high school, students must complete and demonstrate satisfactory knowledge in 14 areas of instruction related to financial literacy, including such topics as credit card debt, saving money, interest, balancing a checkbook, understanding loans, identity theft, and earning an income. School districts have the option of determining when the areas of instruction are taught and whether these are integrated into existing courses or taught as a separate course, which may be counted as an elective credit.

Individual Career Academic Plan (70 O.S. § 2320.508-4) Beginning with students entering the 9th grade in the 2019-2020 school year (Class of 2023), each student is required to complete the process of an Individual Career Academic Plan (ICAP) in order to graduate from a public high school with a standard diploma.

Oklahoma State Assessment Requirements

Assessment Requirements (70 O.S. § 1210.508) Students enrolled in 11th grade will be given the College- and Career-Readiness Assessment (CCRA), which consists of two parts. For part 1, each district will choose to administer either the ACT or SAT, including the writing section. *Bray-Doyle has chosen the ACT in the past, because students are accustomed to taking it and are also offered an ACT Test Prep class.* Part 2 consists of a Science Assessment which is aligned to the Oklahoma Academic Standards for Science and a U.S. History Assessment which is aligned to the Oklahoma Academic Standards for U.S. History. Students are required to take the CCRA during the state testing window. This assessment will be used for state accountability purposes. All students shall take the assessment or assessments prior to graduation, unless otherwise exempt by law. Students who transfer into an Oklahoma school district from out-of-state after the junior year of high school shall not be denied the opportunity to be awarded a standard diploma due to differing testing requirements.

Oklahoma Academic Scholar Recognition Program

(Updated annually by the Oklahoma State Department of Education)

<https://sde.ok.gov/academic-scholar-recognition-program>

The purpose of the Oklahoma Academic Scholar program is to recognize the outstanding academic achievement of graduating seniors in compliance with State law which became effective in 1986.

Oklahoma Academic Scholars receive a certificate of recognition from the State Board of Education and the local high school, a gold seal affixed to their diploma, and the honor recorded on their official transcript.

Requirements for Recognition as an Oklahoma Academic Scholar

Graduating seniors who meet all the requirements listed below shall be recognized by the local school district and the State Board of Education as an Oklahoma Academic Scholar:

- Accumulate over grades 9, 10, 11, and the first semester of Grade 12, a minimum grade point average of 3.7 on a 4.0 scale or be in the top 10% of their graduating class.
- Completed (or will complete) the curricular requirements for a standard diploma.
- Achieve a 27 composite score on the ACT or 1220 combined evidence-based reading and writing and mathematics score on the SAT. The ACT or SAT must have been taken on a national test date or state-administered test date. For students with documented disabilities requiring testing accommodations not available on a national or state administration date, a qualifying score on the ACT or SAT may be demonstrated using alternate administration dates.

Criteria for Selecting Valedictorian & Salutatorian

All grades earned in the first seven (7) semesters of high school will be used to figure the grade point average for Valedictorian and Salutatorian. All calculations will be rounded to the nearest hundredth. All graduates are eligible to be Valedictorian or Salutatorian regardless of how long they have attended Bray-Doyle.

Oklahoma's Promise

Visit www.okpromise.org for more information.

Applicants must be:

- Oklahoma residents.
- 8th-, 9th-, 10th-, or 11th grade students.
- Students whose parents' federal adjusted gross income does not exceed \$60,000.
Special income provisions may apply to:
 - Children adopted from certain court-ordered custody and children in the custody of court-appointed legal guardians.
 - Families receiving Social Security benefits based on the disability or death of the student's parents.
 - Contact the Oklahoma's Promise office for more information.
- Students who promise to meet the requirements of the program.

How to Apply

- Online at www.okpromise.org or get an application from your counselor.

The Promise

- Upon completion of the program's requirements, you will earn:
 - Tuition at an Oklahoma public two-year college or four-year university.
OR
 - A portion of tuition at an accredited Oklahoma private college or university.
OR
 - A portion of tuition for programs that qualify for federal financial aid at public career technology centers.
- Oklahoma's Promise does not cover fees, books, supplies, room and board, or remedial courses.

Required Courses (17 Total Core Units - Must have 2.5 cumulative GPA)

- 4 English
- 3 Lab Science
- 3 Mathematics
- 3 History & Citizenship Skills
- 2 Foreign or Non-English Language OR Computer Technology
- 1 Additional course
- 1 Fine Arts OR Speech
- Visit www.okpromise.org for specific information.

**Remember: the student is ultimately responsible for completing the program requirements.
Consult Oklahoma's Promise website for complete information.

Testing Information

PreACT

PreACT provides students with a structured testing environment similar to what they will experience when taking the ACT, with ACT test-quality questions and predictive scores on the familiar 1-36 scale. This helps get students comfortable with the test and understand how they are doing with core subjects. It also helps parents and educators identify areas where additional support might be necessary. This test is usually taken during the sophomore year.

American College Testing Program (ACT)

BDHS Code: 370450

The ACT ® test is the college entrance exam required by Oklahoma colleges and universities. The ACT is based on what students learn in high school and provides personalized information about their strengths for education and career planning. The ACT ® test is administered multiple times throughout each school year. Check with your school counselor or go online to www.act.org for specific dates and registration information.

Students are encouraged to begin taking the ACT at the end of their sophomore year. Juniors and seniors may qualify for a fee waiver. See your counselor for more information.

The following test fees apply:

\$60.00 (The Full ACT - no writing)

\$85.00 (The Full ACT - with writing)

Scholastic Aptitude Test (SAT I and II)

BDHS Code: 370450

The College Board offers the Scholastic Aptitude Test (SAT I and II). The test is administered multiple times throughout each school year. Check with your school counselor or go online to www.collegeboard.com for specific dates and registration information. Juniors and seniors may qualify for a fee waiver. See your counselor for more information.

The following test fees apply:

\$55.00 (SAT)

ASVAB

The career exploration program is designed to help you learn more about yourself. It can help you identify your interests, clarify what is important to you, and better understand your abilities. Getting to know yourself will help you as you explore different career opportunities. Visit www.asvabprogram.com to learn more.

NCAA Eligibility for College Sports

Visit the NCAA Eligibility Center at <https://web3.ncaa.org/ecwr3/> for more information.

If you want to play college sports at an NCAA Division I or II school, start by registering for a Certification account with the NCAA Eligibility Center at www.eligibilitycenter.org. If you want to play Division III sports or you aren't sure where you want to compete, start by creating a Profile Page account at www.eligibilitycenter.org.

Academic Requirements

To play sports at a Division I or II school, you must graduate from high school, complete 16 NCAA-approved core courses, earn a minimum GPA and earn an SAT or ACT score that matches your core-course GPA.

Core Courses

Only courses that appear on your high school's list of NCAA core courses will count toward the 16-core course requirement; visit www.eligibilitycenter.org/courselist for a full list of Bray-Doyle's approved core courses. Visit the Eligibility Center for more information on required courses, GPA requirements, sliding scale, and test scores.

High School Timeline

9th Grade

- Start now. Find Bray-Doyle's list of NCAA-approved core courses at the Eligibility Center.
- Sign up for a free Profile Page account at the Eligibility Center.

10th Grade

- If you fall behind academically, ask your counselor for help getting back on track.
- Register for a Profile Page or Certification account with the NCAA Eligibility Center.
- Monitor your Eligibility Center account for the next steps.
- At the end of the year, ask your counselor to upload your official transcript to your Eligibility Center account.

11th Grade

- Check with your counselor to make sure you are on track to complete the required number of NCAA-approved courses and graduate on time with your class.
- Take the SAT/ACT. Submit your scores to the NCAA Eligibility Center using code 9999.
- Ensure your participation information is correct in your Eligibility Center account.
- At the end of the year, ask your counselor to upload your official transcript to your Eligibility Center account.

12th Grade

- Complete your final NCAA-approved core courses as you prepare for graduation.
- Take the SAT/ACT again, if necessary. Submit scores using code 9999.
- Request your final amateurism certification beginning April 1 (fall enrollment) or October 1 (winter/spring enrollment) in your Eligibility Center account.
- After you graduate, ask your counselor to upload your final transcript with proof of graduation to your Eligibility Center Account.
- Only students on an NCAA Division I or II school's institutional request list will receive a certification.

Pre-Enrollment Process

Bray-Doyle pre-enrollment dates for the new school year are typically scheduled for the end of July or beginning of August each year. Dates and information will be posted to the school's website at www.braydoyle.k12.ok.us and the school's Facebook page. Search for Bray-Doyle Public Schools on Facebook for the official page.

New Student Enrollment Process

- All new students must have the following to enroll:
 - Current Immunization Record
 - Birth Certificate (Government-Issued)
 - Proof of Residency (No P.O. Box)
 - Parent/Guardian must bring photo identification
 - High School Transcript
 - 9th Graders must bring previous year's report card
 - CDIB Card for qualifying students (parents'/grandparents' card)

Class Schedule Changes

Because returning students are given thorough guidance, schedule changes at the start of the year will only be permitted based on the following conditions:

- Students already received credit for that class listed on the schedule (please note that some elective classes may be repeated).
- Student is scheduled in the same class more than once.
- Student is missing a course.
- Student has been accepted into Red River Technology Center and the ½ day schedule needs to be adjusted.
- Student has enrolled in concurrent enrollment courses and needs their schedule to reflect the college classes.

School Counseling Program

The Bray-Doyle School Counseling Program includes the following elements: guidance, curriculum, individual student planning, and responsive services.

High school counselors assist students with academic development, career development, and social/emotional development.

The focus of the Counseling Department is to help students with academic and career planning and to foster personal exploration, self-awareness, and social growth. Students are encouraged to set realistic yet challenging goals, to make responsible decisions, to understand the consequences of their actions, and to learn to self-advocate.

High school counselors also assist students with the following:

- Develop an awareness of interests and aptitudes
- Explore a variety of careers through internships, mentorships, career exploration software, and guest speakers
- Examine the requirements of their chosen careers
- Develop job-seeking skills

While high school counselors will assist students in locating scholarships, applying for colleges, and applying for financial aid, students are ultimately responsible for completing each step in the process for themselves.

Bray-Doyle Grading Scale

Point Value	Percentage
A = 4.0	90% - 100%
B = 3.0	80% - 89%
C = 2.0	70% - 79%
D = 1.0	60% - 69%
NC = 0 (No Credit)	0% - 59%

Ranking is determined by grade point average, at the end of each semester.

Traditional Schedule: Two Semesters

Academic Class Schedule: Eight classes per day

AP Courses Available: AP English Literature & Composition,
AP U.S. History, AP Human Geography

Credits Required for Graduation: 27 Full Credits

Concurrent Enrollment: Cameron University (www.cameron.edu)

Technology Center: Red River Technology Center (www.rrtc.edu)

Courses Offered

Courses listed in this course description guide are subject to change. Availability of courses depends on enrollment numbers, teacher availability, and scheduling availability. Not all courses listed in this guide will be offered every year. Some courses are rotated with others on a two to three year rotation schedule. If you have any questions, please contact Mr. Vines or Mrs. Chambers. Every effort is made to accommodate you with the classes you would like to take. However, due to enrollment numbers, teacher availability, your graduation checklist, and scheduling, your final schedule may not match your expectations. Please keep this in mind as you plan your schedule with classes you would like to take.

English/Language Arts Course Descriptions

Required courses are marked with *.

English I* - 4045

Grade(s) Offered: 9

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

English I incorporates the study of grammar, composition, and vocabulary with a well-rounded survey of literature. Students will continue to use the writing process in composing both single-paragraph and multi-paragraph essays in connection with literature study. Students will also continue to build the terminology and critical thinking skills necessary for literary analysis.

English II* - 4048

Grade(s) Offered: 10

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

English II incorporates a survey of World Literature with grammar, composition, and vocabulary. Students will continue to use the writing process in composing multi-paragraph essays in connection with literary study.

English III* - 4051

Grade(s) Offered: 11

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

English III incorporates a survey of American literature with grammar, composition, and vocabulary. Students will continue to use the writing process in composing multi-paragraph essays in connection with literary study. Students will investigate and present research through a variety of methods.

AP English Literature & Composition* - 4010

Grade(s) Offered: 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

AP English Literature focuses on grammar, vocabulary, research methods, and various genres of literature and writing. Emphasis in this course will be on the effective demonstration of thinking skills in both oral and written communication. A passing AP exam score can earn students college credit in this class.

Mathematics Course Descriptions

Required courses are marked with *.

Algebra I* - 4411

Grade(s) Offered: 9

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This course applies the principles of arithmetic to variables, emphasizes the set of real numbers, and stresses the application of algebraic skills to real-world, practical problems.

Geometry* - 4520

Grade(s) Offered: 10

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Geometry is the study of properties (theorems, definitions, and postulates) and relations of one-dimensional and two-dimensional plan figures (circles and polygons) and their counterparts in three-dimensional space (prisms, pyramids, and spheres). Perimeter, area, and volume of each geometric shape will be studied as well as inductive and deductive reasoning.

Algebra II* - 4412

Grade(s) Offered: 11

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This course emphasizes the development, structure, and properties of the real number system and the complex number system. Graphing linear and quadratic equations and matrix methods of algebra will also be taught.

College Career Math Ready - 4550

Grade(s) Offered: 12

Prerequisite: Completion of 3 units of math

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This course is an elective course for students who plan to attend college of technical programs, but may not have met the requirements for college coursework. This course provides students an opportunity to review critical concepts from middle school and high school math courses to ensure student readiness for entry-level college math courses. The course helps students develop critical thinking skills and a deeper understanding of math concepts. This course DOES NOT count as a math credit for either diploma path; it is strictly an elective credit. Although this is an elective course, students are highly encouraged to enroll.

Science Course Descriptions

Required courses are marked with *.

Physical Science/Lab - 5160

Grade(s) Offered: 9

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This is a survey course of all the major non-life sciences. A mathematical and lab approach in the study of chemistry, physics, earth, and space science is used. Topics include: atomic properties, the periodic table, chemical reactions, and conservation of energy, acceleration and its causes, momentum, defining and calculating energy, the use of energy and equilibrium, and the use of electromagnetism and its effects on the biosphere. This course satisfies the physical science requirement on the graduation checklist.

Biology I/Lab* - 5031

Grade(s) Offered: 10

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This life science course is a survey of a wide range of biological sciences. Topics covered include the cell as the basic unit of living organisms, molecular biology, genetics, classification, ecology, biodiversity, and adaptation. Embedded in this course are brief overviews of viruses, bacteria and related microorganisms, and plants.

Biology II/Lab - 5032

Grade(s) Offered: 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This second year life science biology course will focus on a survey of the major classes of invertebrates, basic embryology, plants, and the scientific process.

Anatomy/Lab - 5333

Grade(s) Offered: 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This life science course focuses on the structure and function of the human body. Topics include molecular biology, cells, tissues, and body systems. Labs involve microscopy and dissection.

Science Course Descriptions Continued

Required courses are marked with *.

Environmental Science/Lab - 5120

Grade(s) Offered: 10,11,12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This earth science course is a systematic, scientific study of the earth and our role in it. In-depth, lab-based topics will include energy, ecology, soil, water, and air.

Chemistry I/Lab - 5051

Grade(s) Offered: 10,11,12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This physical science course introduces students to the atomic structure of elements and their relationship to the chemical properties of matter such as bonding, chemical stoichiometry, and calculations.

Ecology/Lab - 5350

Grade(s) Offered: 10,11,12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Ecology is a life science that includes the study of the interactions between organisms and their environment. This course provides background in the fundamental principles of ecological science, including concepts of natural selection, population and community ecology, biodiversity, and sustainability.

Social Studies Course Descriptions

Required courses are marked with *.

Oklahoma History* - 5615

Grade(s) Offered: 9

Length of Course: 1 Semester - 0.5 Credit

This course emphasizes the history of Oklahoma including geography, government, civics, communication, economics, and culture.

U.S. Government* - 5541

Grade(s) Offered: 9

Length of Course: 1 Semester - 0.5 Credit

This course covers the American political structure, the United States Constitution, the three branches of government, the differences in the two major political parties, government solutions to issues, and the roles of governmental leaders.

Social Studies Course Descriptions Continued

Required courses are marked with *.

World History - 5731

Grade(s) Offered: 10

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This is a comprehensive study of ancient and modern world cultures, emphasizing the arts, geography, and history.

AP U.S. History* - 5415

Grade(s) Offered: 11

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This course offers an in-depth study of American history from 1850 to the present. Students will be challenged with writing skills, knowledge-based analytical skills, and the ability to interpret evidence in both primary and secondary historical documents. A passing AP exam score can earn students college credit in this class.

AP Human Geography - 5790

Grade(s) Offered: 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Students will develop critical thinking skills through the understanding, application, and analysis of the fundamental concept of geography. Students will be introduced to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to analyze human social organization and its environmental consequences. A passing AP exam score can earn students college credit in this class.

World or Non-English Language/ Computer Technology Course Descriptions

Students on College Preparatory/Work Ready Curriculum must complete two full units of a world language or computer technology. Students on Core Curriculum must complete one unit.

Spanish I - 3161

Grade(s) Offered: 9,10,11,12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This first year course is designed to introduce students to the Spanish language in four skill areas: listening comprehension, speaking, reading, and writing. The history and culture of the peoples will also be discussed.

Spanish II - 3162

Grade(s) Offered: 10,11,12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This second year course will intensify the study of skills developed during Spanish I.

Computer Applications I - 2551

Grade(s) Offered: 9,10,11,12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Students will study the latest operating systems. The course will cover PC history, hardware, software, and operating concepts. Students will learn to identify parts of personal computers and their functions. Students will learn Internet browsers, how to navigate basic word processing and accessories programs, and be able to copy, save, and print documents from various sources. Students will also gain skills in using MS Word and MS Excel.

Computer Applications II - 2552

Prerequisite: Computers Applications I

Grade(s) Offered: 10,11,12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Students will advance to MS PowerPoint. Students will learn to key slide text, convert outlines from MS Word to MS PowerPoint, work colors and files, use preset slide presentation templates, and insert clip art and/or photos into slide presentations. This class also covers the advanced use of MS Excel. Advanced topics may include table and scenario management, using solver, and importing data into and out of Excel.

Fine Arts/Speech Course Descriptions

Students on College Preparatory/Work Ready Curriculum and Core Curriculum must complete one full unit of a world language or computer technology.

Humanities - 2954

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Humanities is designed to be an integrated study of history, literature, language, philosophy, the visual arts, theatre, dance, and music. Emphasis is placed on critical thinking, creativity, and the rights and responsibilities of the individual in a society. Students explore aspects of human behavior and human ideals.

Band I-IV - 3001, 3002, 3003, 3004

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

The high school band program is a full school year program. This course is designed to develop the instrumental music education and instrumental music skills of each student. In addition, the band program provides for individual skill recognition and development by maintaining an active participation in various levels of solo and ensemble activities. Enrollment in this class requires year-long participation and must be continuous. Extenuating circumstances will be considered, but the final decision is ultimately rendered by the band director and the principal.

Speech I-IV/Drama I-V - 4221, 4222, 4223, 4224, 4019, 4020, 4021, 4022

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

First semester (Speech) instructs students in the techniques of effective speech communication techniques. Second semester (Drama) introduces students to the basics of theatre. Students are taught the fundamentals of acting and technical skills. As students continue in subsequent semesters of Speech and Drama, they build on what they have learned, including improvisational acting and character development, and other skills necessary to the actor.

Elective Course Descriptions

ACT Test Prep - 2740

Grade(s) Offered: 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This course is designed to assist students in preparing to take the ACT, providing an overview of the test, practical test taking strategies, and an opportunity to complete simulated test questions. Students will explore question styles and samples for all four areas of the ACT test (Reading, English, Math, and Science), as well as sample prompts for the writing portion.

Agriculture Power & Technology II - 8010 - (Ag Course)

Grade(s) Offered: 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Prerequisite: Introduction to Agriscience

In this course, students learn information, knowledge, and skills associated with Agricultural Mechanics. Students interested in welding, cutting, electricity, agricultural machinery operation and maintenance, and general agricultural building techniques are encouraged to enroll. FFA and supervised experience will be included as appropriate.

Competitive Athletics - 3330

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Competitive Athletics is designed for the student that enjoys staying fit through all types of competitive team activities. Teamwork is essential to everyday life and is stressed daily in this course. The team activities include, but may not be limited to, the following: Basketball, Baseball, Football, Powerlifting, Fast-pitch Softball, Slow-pitch Softball, Powerlifting, and Track and Field. Students must participate in both a fall and spring sport in order to be enrolled in competitive athletics for a full school year. Students must have an OSSAA Sports Physical Form on file to play competitive sports. Please see your coach for more information.

Elective Course Descriptions Continued

Equine Science - 8015 - (Ag Course)

Grade(s) Offered: 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Prerequisite: Introduction to Agriscience

Equine Science includes the importance of equine, classes, breeds, anatomy and physiology, nutrition and feeding, facilities, production practices, and disease and pest control. Content also includes care, grooming, equitation, tack, and safety. FFA and supervised experience will be included as appropriate.

Fashion Design II - 8413 - (FACS Course)

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

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. FCCLA and supervised experience will be included as appropriate.

Health - 3310

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This is a comprehensive health course consisting of various units, including fitness, nutrition, substance abuse, and diseases. Students will develop knowledge of emotional and social growth issues and the effects they have on health.

Horticulture - 8029 - (Ag Course)

Grade(s) Offered: 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Prerequisite: Introduction to Agriscience

This course is for students who wish to develop knowledge and skills related to ornamental horticulture, including floristry, landscaping, turf, and greenhouse production. Content includes species and importance of horticultural plants, plant safety, plants as living organisms, sexual and asexual reproduction, plant growth, and cultural practices, including the use of greenhouses and other growing structures. Disease and pest management, plant nutrition, and growth regulation are included. FFA and supervised experience will be included as appropriate.

Elective Course Descriptions Continued

Interpersonal Studies - 8470 - (FACS Course)

Grade(s) Offered: 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This course examines how relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers. FCCLA and supervised experience will be included as appropriate.

Introduction to Agriscience - (Ag Course)

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

This is a practical hands-on course covering a broad range of agriculture. The following topics may be covered: Environmental Science, Leadership, Animal Science, Economics, Marketing, and Welding. This course also covers shop safety, which is required for all future Ag courses. FFA and supervised experience will be included as appropriate.

Lifetime Nutrition & Wellness - 8474 - (FACS Course)

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

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, healthy 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. FCCLA and supervised experience will be included as appropriate.

STEM I/II - 2531, 2532

Grade(s) Offered: 9, 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

STEM is an acronym that stands for Science, Technology, Engineering, and Mathematics. This course provides project- and problem-based learning through hands-on classroom experiences. Students create, design, and build to solve problems, while being exposed to the industries where these skill sets are most needed.

Elective Course Descriptions Continued

Wildlife Science & Management - 8027 - (Ag Course)

Grade(s) Offered: 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Prerequisite: Introduction to Agriscience

Wildlife Science and Management is a course for students interested in wildlife and its conservation and ecology as well as enjoying wildlife through sport hunting and fishing. Course content includes meaning and importance of wildlife species, history of wildlife conservation, safety with wildlife, species identification, endangered species, wildlife biology and ecology, habitat protection and establishment, protection of wildlife (animals, plants, and other species), legal regulations, and hunter safety. FFA and supervised experience will be included as appropriate.

Yearbook - 4240

Grade(s) Offered: 10, 11, 12

Length of Course: 2 Semesters - 1.0 Credit (0.5 per semester)

Emphasis of this course will be the production of a high quality, full color yearbook publication. Students will learn theme development, interview techniques, feature, headline, and caption writing, layout design, editing for design and content, and photography. Students will become familiar with the software used to create the district's yearbook. Students will be required to occasionally spend time outside of school attending extracurricular activities to capture the moments that create the yearbook. This is an elective course and DOES NOT count toward a computer technology credit.

Clubs, Organizations, & Athletics

Have a great high school experience! Get involved! Below is a list of most (if not all) of the clubs, organizations, and athletics offered at Bray-Doyle. Check with your counselor to help find one that is right for you.

4-H	Basketball	FCCLA	Slow-pitch Softball
Academic Team	Cheerleading	FFA	Speech/Drama**
Archery	ESports	Football	Student Council
Band & Flags	Fast-pitch Softball	Gifted & Talented	Track & Field
Baseball	FCA	Powerlifting	Yearbook**

**Must be enrolled in the class.