

2020-2021

COURSE GUIDE

HILDALE HIGH SCHOOL

TABLE OF CONTENTS

MISSION STATEMENT	3
VISION STATEMENT	3
LEADER IN ME	3
ADMINISTRATORS	4
COUNSELORS	4
HILLDALE HIGH SCHOOL	4
SCHEDULE CHANGES	5
HONOR GRADUATES	5
STUDENT ATHLETES – NCAA REQUIREMENTS	5
OKLAHOMA’S PROMISE	6
INDIAN CAPITAL	Error! Bookmark not defined.7
CONNORS STATE COLLEGE – CONCURRENT ENROLLMENT	9
AVAILABLE COURSES	10
MINIMUM GRADUATION CREDIT REQUIREMENTS FOR HILLDALE HIGH SCHOOL	111
GRADING SCALE	12
BLENDED LEARNING PROGRAMS	12
COURSES AVAILABLE BY PERIOD	16
ENGLISH DEPARTMENT	17
MATHEMATICS DEPARTMENT	19
SCIENCE DEPARTMENT	19
HISTORY DEPARTMENT	22
COMPUTER DEPARTMENT	24
FINE ARTS DEPARTMENT	25
FAMILY & CONSUMER SCIENCE DEPARTMENT	26
WORLD LANGUAGES DEPARTMENT	27
MISCELLANEOUS ELECTIVES	28

MISSION STATEMENT

Working together to provide a quality education that equips and challenges all students.

VISION STATEMENT

Hilldale Public School will use quality and creative instruction to nurture intellectual curiosity, innovative thinking and inspire lifelong learning.

LEADER IN ME



The Leader in Me is Franklin Covey's whole school transformation process. It teaches 21st century leadership and life skills to students and creates a culture of student empowerment based on the idea that every child can be a leader.

Content from *The 7 Habits of Highly Effective People* is a key component of the overall *The Leader in Me* process. The 7 Habits is a synthesis of universal, timeless principles of personal and interpersonal effectiveness, such as responsibility, vision, integrity, teamwork, collaboration and renewal, which are secular in nature and common to all people and cultures.

- **HABIT 1 – Be Proactive:** I am a responsible person. I take initiative. I choose my actions, attitudes, and moods. I do not blame others for my wrong actions. I do the right thing without being asked, even when no one is looking.
- **HABIT 2 – Begin with the End in Mind:** I plan ahead and set goals. I do things that have meaning and make a difference. I am an important part of my classroom and contribute to my school's mission and vision. I look for ways to be a good citizen.
- **HABIT 3 – Put First Things First:** I spend my time on things that are most important. This means I say no to things I know I should not do. I set priorities, make a schedule, and follow my plan. I am disciplined and organized.
- **HABIT 4 – Think Win-Win:** I balance courage for getting what I want with consideration for what others want. I make deposits in others' Emotional Bank Accounts. When conflicts arise, I look for third alternatives.
- **HABIT 5 – Seek First to Understand, Then to Be Understood:** I listen to other people's ideas and feelings. I try to see things from their viewpoints. I listen to others without interrupting. I am confident in voicing my ideas. I look people in the eyes when talking.
- **HABIT 6 – Synergize:** I value other people's strengths and learn from them. I get along well with others, even people who are different than me. I work well in groups. I seek out other people's ideas to solve problems because I know that by teaming with others we can create better solutions than anyone of us can alone. I am humble.
- **HABIT 7 – Sharpen the Saw:** I take care of my body by eating right, exercising and getting sleep. I spend time with family and friends. I learn in lots of ways and lots of places, not just at school. I find meaningful ways to help others.

ADMINISTRATORS

- Mr. Erik Puckett Superintendent
- Dr. Deborah Tennison Assistant Superintendent
- Mr. Chad Kirkhart Assistant Superintendent/Athletic Director
- Mr. Josh Nixon Principal
- Mr. Josh Grandstaff Assistant Principal
- Mr. Tim Stevens Alternative Education Director

COUNSELORS

- Mrs. Debbie Woods Counselor
- Mrs. Ashton Roberts Counselor

HILDALE HIGH SCHOOL

300 E. Smith Ferry Rd.

Muskogee, OK 74403

Phone (918) 683-3253

Fax (918) 683-0622

HILDALE HORNETS



SCHEDULE CHANGES

After school begins, schedules may be changed within the first **Seven** days of school, with cause.

Subjects that are dropped 10 days after the semester has started will have an "F" recorded on the student's record. This rule includes those classes that normally give an "S" or "U" as a grade. If any unusual case occurs in which the student feels the "F" is not appropriate, appeal may be taken to the building principal.

HONOR GRADUATES

To be considered as **VALEDICTORIAN**, **SALUTATORIAN**, and **TOP 10 PERCENT OF CLASS** the following requirements must be met:



The highest GPA will be ranked as Valedictorian, the second highest GPA will be ranked as Salutatorian, and the remainder of the highest GPAs will be ranked as the Top 10% until ten percent of the graduating class has been selected.

STUDENT ATHLETES – NCAA REQUIREMENTS

Students who plan to continue participating in competitive sports at the college level must contact the NCAA Clearinghouse to be sure of eligibility during their junior year of high school. The NCAA has its own guidelines for high school courses to qualify for admission to college athletics. Eligible courses are denoted in the course guide with a



blue NCAA logo. Parents are urged to contact the NCAA early to ensure eligibility.

The NCAA Clearinghouse website is listed below.

www.eligibilitycenter.org

DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes will need to meet the following academic requirements to practice, receive athletic scholarships, and/or compete during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:



2018 DIVISION II NEW ACADEMIC REQUIREMENTS

College-bound student-athletes first enrolling at an NCAA Division II school on or after August 1, 2018, need to meet new academic rules to practice, compete and receive athletics scholarships during their first year.

Core-Course Requirement

Complete 16 core courses in the following areas:



OKLAHOMA'S PROMISE

Oklahoma's Promise allows eighth-, ninth- or 10th-grade students from families with an income of \$50,000 or less to earn a college tuition scholarship. Students must also meet academic and conduct requirements in high school.

Students **must** take the following high school coursework to meet Oklahoma's Promise program requirements. The Oklahoma's Promise [Curriculum Worksheet](#) can help students record their grades and ensure they have taken the right courses. For more detailed course information go to the following link:

https://secure.okcollegestart.org/College Planning/Prepare for College/course_guidelines.aspx



UNITS	COURSES
4	English (grammar, composition, literature; courses should include and integrated writing component)
3	Lab Science (biology, chemistry, physics or any lab science certified by the school district; general science with or without a lab may not be used to meet this requirement)
3	Mathematics (Algebra I, Algebra II, geometry, trigonometry, math analysis, pre-calculus, statistics and probability (must have completed geometry and Algebra II), calculus, AP statistics)
3	History and citizenship skills (including one unit of American history and two additional units from the subjects of history, economics, geography, government, non-Western culture)
2	Foreign or non-English language (two years of the same language) or Computer Technology (two units in programming, hardware and business computer applications, such as word processing, databases, spreadsheets and graphics, will qualify; keyboarding or typing classes do not qualify) 1 foreign language and 1 computer course will not meet this requirement.
1	Additional unit of subjects listed above
1	Fine Arts (music, art, drama) or Speech
17	TOTAL UNITS

INDIAN CAPITAL TECHNOLOGY CENTER



VISION Indian Capital Technology Center develops world-class leaders for the workplace.

MISSION Indian Capital Technology Center develops individuals for success in the workplace by providing world-class training.

CORE VALUES We believe that: • Every individual deserves to be served with integrity, honesty, and ethical standards. • We are comprised of highly trained professionals operating as a unified system to serve our customers and provide a strong return on investment (ROI). • We commit to student/client success by providing quality training opportunities that meet the schedules, delivery methods and skill development needs of our customers. • We collaborate with secondary education, higher education, industry and the business sector for value added training and services through collaboration that leads to economic and personal growth. • A continuous School Improvement Plan is in place and serves as a guide for decision making. • We market to our service area to assure an awareness of access and opportunity for all citizens. • We strive to meet the needs of our communities.

GOALS • To provide training and services that are career focused and industry driven to effectively meet customer demand and expectations. • To utilize Professional Learning Communities in a collaborative manner for continued school improvement. • To successfully create a system-wide culture that reflects an environment of collaboration, best practices, and professional development. • To effectively execute ICTC's School Improvement model to enhance technical skills training, student academic achievement, and work readiness skills that are embedded with high expectations for student learning. • To actively foster partnerships that promote economic development. • To be effective and diligent in assisting students to secure potential employment in their chosen career path. • To continuously upgrade and enhance our facilities and equipment to meet industry standards, environmental concerns, and future technical needs. • To fully invest in human resource development through mission driven employment practices and professional development opportunities for all employees.

High School Student Information Students attending ICTC can earn up to four credits per school year from their high school as determined by their high school if career major requirements are met. The credits earned at the technology center are issued by the partner school on the high school transcript. Students may attend ICTC in either the morning session or the afternoon session. The remainder of the day is spent at the high school. For enrollment information, contact the high school counselor and/or Counselors at ICTC.

<p>Muskogee Campus 2403 N. 41st Street East Muskogee, OK 74403</p> <p><u>Campus Director</u> Greg Phares</p> <p><u>Student Advisors</u> Sharon Billings Jennifer Rainbolt</p> <p>(918) 687-6383</p> <p>Hours of Operation Monday - Thursday 8 AM - 10 PM Friday 8 AM - 4 PM</p>	<p><u>Full-Time Programs Available at ICTC Muskogee</u></p> <p><u>Automotive Collision Repair Technology</u></p> <p><u>Automotive Service Technology</u></p> <p><u>Biomedical Academy</u></p> <p><u>Business Management & Administration</u></p> <p><u>Cosmetology</u></p> <p><u>Culinary Arts</u></p> <p><u>Drafting</u></p> <p><u>Electricity</u></p> <p><u>Graphic Communications</u></p> <p><u>Heating, Ventilation, & Air Conditioning</u></p> <p><u>Information Technology</u></p> <p><u>Machine Tool Technology</u></p> <p><u>Service Career Innovations</u></p> <p><u>Welding</u></p> <p><u>Health Careers Certification</u></p> <p><u>Sports Medicine</u></p> <p><u>Gainful Employment Disclosures</u></p>
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For more information on Indian Capital Tech Center Muskogee visit:

www.ictctech.com

CONNORS STATE COLLEGE – CONCURRENT ENROLLMENT



A concurrent student is a student taking college course while still in high school. Through Connors State College's concurrent enrollment program, students can get a head start on earning college credits and also get a taste of college life. Directions for applying can be found at the link below. If you have any questions please contact a high school counselor.

<http://connorsstate.edu/recruit/>

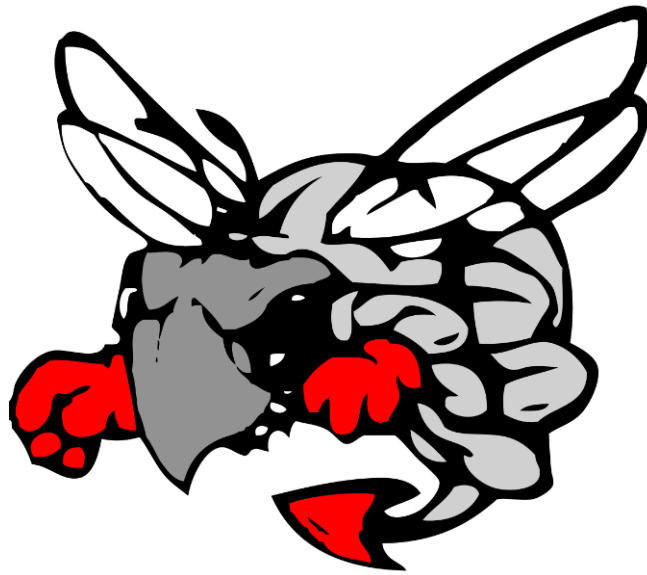
Concurrent High School Enrollment

High school seniors and juniors from accredited high schools and non-accredited private or non-public high schools may concurrently enroll provided:

- Student meets Composite ACT and GPA Requirements of:
 - Seniors – Have an ACT composite score of 19 or a 3.0 GPA.
 - Juniors – Have an ACT composite score of 19 or a 3.0 GPA.
- Signed statement from High School Principal confirming eligibility*
- Written recommendation from high school counselor*
- Written permission from parent or legal guardian*
- Provide current official high school transcript for each semester of concurrent enrollment.
- High school students who want to enroll in college-level courses must earn a score of 19 or higher on the ACT subject test for the area(s) in which they want to enroll. Requirements for specific subtest are as follows:
 - Math – ACT Math score of 19 or higher
 - English Composition I – ACT English subscore of 19 or higher and Reading subscore of 19 or higher.
 - Science – Math subscore of 19 or higher and English subscore of 19 or higher and a Reading subscore of 19 or higher.
 - A Reading subscore of 19 or higher is required for enrollment in any other subject area not listed above.
- Concurrent students may not enroll in remedial (zero-level) coursework offered by colleges and universities and designed to remove high school deficiencies.
- Concurrent high school students may not participate in secondary testing to establish proficiency in any areas.

* The Connors State College Concurrent Enrollment Verification, Recommendation, and Permission Form may be used to certify: The student is eligible to satisfy requirements for graduation from high school (including curricular requirements for college admission) no later than the spring the senior year.

- **The combined number of high school, career tech and college courses per semester does not exceed a full time college workload of *19 semester credit hours*.** For the purposes of calculating workload, one-half high school unit is the equivalent to three semester credit hours of college work.
- **ALL Summer classes will be recorded on the student's transcript and counted toward their final GPA.**
- The student meets the admissions and enrollment standards established by the Oklahoma State Regents for Higher Education.
- The student has permission from parent or legal guardian to enroll concurrently at Connors State College.



AVAILABLE COURSES

MINIMUM GRADUATION CREDIT REQUIREMENTS FOR HILLDALE HIGH SCHOOL

The College Preparatory Plan and Core Curriculum Plan are the standard component of the required course of study to graduate from Oklahoma Public Schools. All students will participate in the College Preparatory Plan unless the parent/guardian waives the student's right to participate.

SUBJECT	COLLEGE PREPARATORY PLAN	CORE CURRICULUM
English	4 Total Credits	4 Total Credits
Science	3 Total Credits Must include 1 credit in Biology And 2 credits in physical sciences to include: Physical Science, Chemistry, Physics, Anatomy/Physiology, Botany/Ecology, Zoology	3 Total Credits Must include 1 credit in Biology And 2 credits in physical sciences to include: Physical Science, Chemistry, Physics, Anatomy/Physiology, Botany/Ecology, Zoology
Math	3 Total Credits 1 credit of Algebra I; 1 credit of Geometry; 1 credit of Algebra II; Trigonometry All 3 credits must occur in high school	3 Total Credits 1 credit of Algebra I; 1 credit of Geometry; 1 credit of Algebra II All 3 credits must occur in high school
Social Studies	3 Total Credits 1 credit of World History/World Geography 1 credit of US History; .5 credit of Civics/Government, OK History	3 Total Credits 1 credit of World History/World Geography 1 credit of US History; .5 credit of Civics/Government, OK History
Fine Arts	1 Credit Art, band, choir, drama, music appreciation, World Arts/Culture, Bible Arts/Culture	1 Credit Art, band, choir, drama, music appreciation World Arts/Culture, Bible Arts/Culture
Foreign Language or Computer Science	2 Total Credits 2 years of the same language or Choose from the following Computer I, Graphic Design, or Digital Media	Recommended but NOT required for graduation
Total Credits	College Preparatory Plan College Preparatory Plan plus electives and 1 additional core class to earn at least 24 total credits All students are required to take a Personal Financial Literacy Course and CPR Training Students should choose an Individualized Career and Academic Pathway the plan of study will help the student to make solid course plans choices as they relate to their career choice.	Core Curriculum Plan Core Curriculum Plan plus electives to earn at least 24 total credits All students are required to take a Personal Financial Literacy Course and CPR Training Students should choose an Individualized Career and Academic Pathway the plan of study will help the student to make solid course plans choices as they relate to their career choice.

NOTE: Students and parents should be aware the Hilldale High School administrators, counselors, and teachers will help students meet graduation requirements; however, **it is the responsibility of the student and parent(s) to make sure all requirements are satisfied. Therefore please make course selections carefully.**

KEY FOR COURSE SCHEDULE:



HONORS CLASS

TA = TEACHER APPROVAL



AP COURSES



NCAA APPROVED



OKLAHOMA'S PROMISE

GRADING SCALE

Normal grading scale for high school students will be as follows:

A	90-100
B	80-89
C	70-79
D	60-69
F	0-59

Students will receive a midterm grade report card at the end of the first and third nine weeks, and a semester grade report card at the end of the first and second semester. Parents may request progress reports on a more frequent basis by contacting the counseling office.

Any grade that is an "I" must be changed by the teacher at the end of the tenth school day of the new grading period. Every "I" will be changed to failing grades by the office after this date. Teachers may request additional days if circumstances are warranted.

All grades must be finalized when teachers check out for the summer unless the student and teacher have made arrangements for an extension. The grades must be finalized ten days after the school is out for the summer.

BLENDED LEARNING PROGRAMS

Blended learning is a method of teaching that incorporates online curriculum and technology with the traditional face-to-face instruction from a teacher. Blended learning allows student learners to determine their pace and place of learning while still having the assurance of an on-site teacher to facilitate their learning and necessary curriculum that best fits the educational needs of the individual student.

Hilldale High School will be offering blended classes to students next year through a program called **Edgenuity**. This online platform provides several curriculum opportunities that would not otherwise be possible at our school. Students enrolling in these blended learning programs will meet one day per week minimum, regardless of the courses in which they are enrolled. All **Edgenuity** course enrollments must be pre-approved by the principal prior to enrollment. See Page 14-15 for available course offerings.



ENGLISH LANGUAGE ARTS

English Language Arts 6
English Language Arts 7
English Language Arts 8
English Language Arts 9
English Language Arts 10
English Language Arts 11
English Language Arts 12
Literacy and Comprehension I
Literacy and Comprehension II
Introduction to Communications and Speech
Expository Reading and Writing
Classic Novels & Author Studies**

MATHEMATICS

Mathematics 6
Mathematics 7
Mathematics 8
Pre-Algebra
Algebra I
Geometry
Algebra II
Precalculus
Mathematics I
Mathematics II
Mathematics III
Mathematical Models with Applications
Financial Math
Trigonometry*
Personal Financial Literacy
Concepts in Probability and Statistics
Intermediate Algebra

SCIENCE

Science 6
Science 7
Science 8
Biology
Chemistry
Earth and Space Science
Environmental Science



SOCIAL STUDIES

World Geography:
Western Hemisphere
World Geography:
Eastern Hemisphere
Grade 8 U.S. History
U.S. History
World History
Human Geography
Government*
Economics*
Oklahoma History and Government*

ADVANCED PLACEMENT®

Calculus AB
English Language & Composition
English Literature & Composition
Environmental Science
French Language & Culture
Human Geography
Psychology
Spanish Language & Culture
U.S. Government & Politics*
U.S. History
World History

WORLD LANGUAGES

Middle School

Spanish 1
Spanish 2

High School

Spanish I
Spanish II

COURSES AVAILABLE BY PERIOD

1st Hour	2nd Hour	3rd Hour	4th Hour	5th Hour	6th Hour	7th Hour
English I English II English III English IV	English I Pre-AP English II Pre-AP AP English III English IV	English I English II English IV	English I English II English III English IV	English III English IV	English I Pre-AP English II Pre-AP AP English III	English I English II English III English IV
OK Hist/Civics Sociology U.S. History World Geography	U.S. History Ok History Civics	U.S. History Ok History Civics World History	AP U.S. History World History	Ok History Civics World History	U.S. History World History	U.S. History World History
Biology I Chemistry I Physical Science	Biology I Botany/Ecology Physical Science	Adv. Biology I Zoology AP Chemistry II Adv. Physical Science	Biology I Chemistry I Forensic Science Physical Science	Adv. Geometry Algebra II Adv. Algebra I	Trig Honors/Pre-Calc Geometry Algebra I	Geometry Algebra I Algebra II
Geometry Algebra II Trig Honors/Pre-Calc	Algebra I Geometry Algebra II	Algebra I Geometry Algebra II	Geometry Algebra II Stats/Probability	Biology I AP Physics Physical Science	Chemistry I Biology I Physical Science	Biology I Forensic Science Zoology
Spanish I	Graphic Design	Spanish II	FACS I	Spanish I	Spanish II	Spanish I
Intro to Computer	Art II	Intro to Computer	Digital Media	Art II	Art I	Jazz Band
Instrumental Music (Band I-IV)	FACS I	Select Choir	Spanish II	Music Appreciation	Foods/Nutrition	FACS I
Foods/Nutrition	World Art/Culture	Health/Nutrition	Art I	Marriage/Parenting	General Business	Native American Culture
Art I	Lifetime Sports	Senior Class	Vocal Music (Choir)	Graphic Design	Bible Arts/Culture	Music Appreciation
Native American Culture	Senior Class	Internship	9 th Athletics	Yearbook	Leadership	Boys Athletics Girls Athletics
Internship	Internship		Senior Class	Interior Design	Senior Class	Internship
				Current Events	Internship	Work Release
				Senior Class		
				Internship		

**this is a tentative schedule and is subject to change*

ENGLISH DEPARTMENT

	Pre-AP/Honors End goal is to take AP Honors English IV	College Preparatory	Core Curriculum
9th	4046 - English I	4045 - English I	4045 - English I
10th	4048 – Pre AP Honors English II	4048 - English II	4048 - English II
11th	4057 – AP Honors English III	4051 - English III 4057 – AP Honors English III	4051 - English III
12th	4054 - English IV 4010 – AP English IV COMP 1113/1213 – Freshmen Comp (CSC)	4054 - English IV 4010 – AP English IV COMP 1113/1213 – Freshmen Comp (CSC)	4054 - English IV

COURSE: ENGLISH I **COURSE CODE: 4045**
LEVEL: 9 **CREDIT: 1** **PREREQUISITE:**



English I, is a freshmen level class designed to offer the student the opportunity to increase skills in writing, speaking, spelling, sentence composition, paragraph writing, literary interpretation, and library skills. Topics covered will be speech, short stories, novels and nonfiction, element of research, drama, and the development of the five paragraph essay.

COURSE: PRE AP HONORS ENGLISH I **COURSE CODE: 4046**
LEVEL: 9 **CREDIT: 1** **PREREQUISITE:**



This freshmen level class meets the standards and requirements of English I while providing a challenging class for college-bound students. This course covers material in greater depth and at a faster pace than English I. Individuals increase their ability to interpret and communicate through writing and speaking, spelling, sentence composition, literary interpretation, library skills, and the development of the five paragraph essay. Topics covered will be speech, novel and nonfiction, elements of research, and drama. An emphasis will be placed on comprehension, analysis, evaluation, and discussion, skills stressed in an AP program.

COURSE: ENGLISH II (WORLD LIT) **COURSE CODE: 4048**
LEVEL: 10 **CREDIT: 1** **PREREQUISITE:**



English II, is a sophomore level class combining literature and grammar. The course is designed to acquaint students with the various genres of literature as well as to emphasize writing skills. Objectives are designed to meet the Oklahoma Academic Standards. Literature selections will be a mixture of American, English and world authors covering poetry, drama, short stories and novels. Grammar and mechanics will be used to reinforce and improve writing basics such as sentence structure, paragraphs and essay writing.

COURSE: PRE AP HONORS ENGLISH II **COURSE CODE: 4049**
LEVEL: 10 **CREDIT: 1** **PREREQUISITE:**



This sophomore level class meets the standards and requirements of English II while providing a challenging class for college-bound students. Vocabulary, writing and the study of complex literature are the major focus of the course. Literature selections will be a mixture of American, English and world authors covering poetry, drama, short stories and novels. Grammar and mechanics will be used to reinforce and improve writing basics such as sentence structure, paragraph and essay writing. There will be out of class reading assignments and oral presentations as needed.

COURSE: ENGLISH III (AMERICAN LIT) **COURSE CODE: 4051**
LEVEL: 11 **CREDIT: 1** **PREREQUISITE:**



English III, a junior level class, combines literature and grammar. This survey course covers the literature of America from the Puritan Age to present time. This Grammar and mechanics will be used to reinforce and improve writing basics such as sentence structure, paragraph and essay writing. The course is designed to incorporate the Oklahoma Academic Standards.

COURSE: AP HONORS ENGLISH III COURSE CODE: 4057
LEVEL: 11 CREDIT: 1 PREREQUISITE:



This junior level class meets the standards and requirements of English III and is designed to teach students the basics of writing essays for the College Board's AP test in English Language. After learning the basics of logic, reasoning and persuasion, the students will practice writing argumentative essays. Students will learn to analyze writing by looking at elements of style such as diction, imagery, tone, point of view, syntax and other rhetorical devices. A heavy emphasis will be placed on a survey of American literature and historical documents. The course prepares the student to sit for an optional AP Language and Composition Exam; a qualifying score on this exam could translate to college credit.

COURSE: ENGLISH IV (ENGLISH LIT) COURSE CODE: 4054
LEVEL: 12 CREDIT: 1 PREREQUISITE:



English IV, is a senior level class combining literature and grammar. The survey course covers the literature of Britain from the Anglo-Saxon period to present time. Grammar and mechanics will be used to reinforce and improve writing basics such as sentence structure, paragraph and essay writing. The course is designed to incorporate the Oklahoma Academic Standards. **The research paper is a requirement to pass the class.**

COURSE: AP HONORS ENGLISH IV COURSE CODE: 4010
LEVEL: 12 CREDIT: 1 PREREQUISITE:



AP English IV is intended to replace college level freshman English. This course meets the standards and requirements of English IV and provides instruction for writing the essays needed for the College Board's AP test in English Literature. Students will also learn research skills, produce a research paper as well as multi-media projects. Students will be prepared to take the optional AP Literature and Composition Exam; a qualifying score on this exam could translate to college credit.

SCIENCE DEPARTMENT

	Science College Prep For students entering STEM fields	Science College Prep For students entering HEALTH fields	Core Curriculum
9 th	5160 – Physical Science 5031 – Biology I	5160 – Physical Science 5031 – Biology I	5160 – Physical Science
10 th	5051 – Chemistry I	5051 – Chemistry I	5031 – Biology I
11 th	5052 – Honors Chemistry II	<i>Select 1 or 2 of the following</i> 5040 – Botany/Ecology 5240 – Zoology 5051 – Chemistry I 5333 – Anatomy/Physiology	<i>Select 1 of the following</i> 5040 – Botany/Ecology 5240 – Zoology 5334 – Forensic Science 5333 – Anatomy/Physiology
12 th	<i>Select 1 or 2 of the following</i> 5211 – Honors Physics BIOL 1114 – General Biology (CSC) PHYS 1014 – Gen Physical Sci (CSC)	<i>Select 1 or 2 of the following</i> 5051 – Chemistry I 5052 – Honors Chemistry II 5211 – Honors Physics BIOL 1114 – General Biology (CSC) PHYS 1014 – Gen Physical Sci (CSC)	

COURSE: PHYSICAL SCIENCE **COURSE CODE:** 5160
LEVEL: 9 **CREDIT:** 1 **PREREQUISITE:**



Physical Science is a full-year course that investigates the fundamentals of Physics, Chemistry, Astronomy, and Earth Science. Math skills will be called upon as force, motion, and energy are investigated. The properties of matter, atomic structure, and chemical reactions allow the student to acquire an understanding of the world around them at a microscopic level. Electricity, magnetism, and waves will be discussed as the student learns how these are formed and the features that characterize them. The class also incorporates topics concerning the physical processes on earth, and the motions, characteristics, and forces in space.

COURSE: BIOLOGY I **COURSE CODE:** 5031
LEVEL: 9/10 **CREDIT:** 1 **PREREQUISITE:**



This science class is required for graduation. Students will learn about plants, animals, cells, ecology, genetics, heredity, natural selection and animal behavior.

COURSE: CHEMISTRY I **COURSE CODE:** 5051
LEVEL: 10+ **CREDIT:** 1 **PREREQUISITE:**



This class will study matter, elements and how they affect everyday life. A student will use critical thinking in this course. Classes previously taken will be called upon to further their understanding of chemistry. **Students are encouraged to take Chemistry I. Colleges and Career Technical programs are requiring students to have a working knowledge of Chemistry before allowing admission into their programs. Students who take Chemistry for the first time in College are placing themselves at a considerable disadvantage.**

COURSE: BOTANY/ECOLOGY **COURSE CODE:** 5040
LEVEL: 11 **CREDIT:** 1 **PREREQUISITE:** BIOLOGY I



Botany is the study of plants, their functions and the identification of common plants, such as flowers and trees. Plant diversity will also be explored in this course. This course is a full year, two semester class. It will cover two section; Botany and Ecology. Both sections will encompass lecture and labs, including dissections, and group projects.

COURSE: ZOOLOGY **COURSE CODE:** 5240
LEVEL: 11 **CREDIT:** 1 **PREREQUISITE:** BIOLOGY I



Zoology is the study of animals, including their taxonomy, structure, and physiology. This course is a full year, two semester class.

COURSE: HONORS CHEMISTRY II **COURSE CODE:** 5052 
LEVEL: 11 **CREDIT:** 1 **PREREQUISITE:** CHEMISTRY I



Students will take concepts learned in Chemistry I and apply them to new information learned in the areas of organic, nuclear, CSI and other types of reactions. Extensive labs and student responsibility for projects are involved. This will prepare students for Chemistry I in college.

COURSE: HON PHYSICS **COURSE CODE:** 5211 
LEVEL: 11 **CREDIT:** 1 **PREREQUISITE:** A, B, C ALGEBRA II, GEOMETRY & CHEMISTRY I



Physics is a course that integrates math and science. Topics covered include problem solving skills, mechanics, thermodynamics, waves, optics, electromagnetism, relativity and quantum mechanics. All topics are approached in both a conceptual and quantitative manner. Students are required to do several individual and group projects as well as research careers in physics and engineering. *Trigonometry is recommended and can be taken as a co-requisite concurrently.*

COURSE: FORENSIC SCIENCE **COURSE CODE:** 5334 
LEVEL: 11 **CREDIT:** 1 **PREREQUISITE:**



Forensic science is a course rich in exploration and lab investigation which applies many disciplines of scientific study such as biology/anatomy, chemistry, and physics to solving crimes.

COURSE: ANATOMY/PHYSIOLOGY **COURSE CODE:** 5333 
LEVEL: 11 **CREDIT:** 1 **PREREQUISITE:**



This course will enable students to develop an understanding of the relationships between the structures and functions of the human body. This course will involve laboratory activities, projects, dissections, textbook material, models, & diagrams.

COURSE: AP U.S. HISTORY **COURSE CODE:** 5410
LEVEL: 10 **CREDIT:** 1 **PREREQUISITE:**



This two-semester course is designed to be the equivalent of an introductory college course and prepare the student to take the AP Exam in May. It presents a survey of United States History from colonization to the present. The student is expected to display a requisite grasp of the assigned reading, competent writing skills, an ability to discern various points of view and understand its impact on interpretation, essential skills in handling and defending a position, and the capability of making judicious analyses and evaluations of primary documents. The activities in the course will include power point presentations, guest speakers, studying free response questions from past AP Exams and creating an original DBQ, producing a newspaper of a particular period, debates, drawing political cartoons, reviews of the speeches and writings of selected individuals, and analyses of primary documents.

COURSE: NATIVE AMERICAN CULTURE/STUDY **COURSE CODE:** 011
LEVEL: ALL **CREDIT:** 1 **PREREQUISITE:**



Native American Study deals with the study of Native American History prior to removal up to present day, tribal government, and sovereignty. Students will research and present information about one of the 39 Native American tribes. Native American Culture is the study of Native American language, traditional clothing, traditional foods, traditional art and contemporary art. Students will present artifacts that complement traditional Native Culture.

COURSE: COMPERATIVE RELIGION **COURSE CODE:** 2955
LEVEL: 10-12 **CREDIT:** 1 **PREREQUISITE:**



Comperative Religion studies the history, writing styles and influences of the Bible and other religious documents. Areas of study will include the Bible, Torah, Koran and other World Religions with emphasis on Genesis and Exodus, Conquest of Canaan, the Kingdom, John and Acts.

COMPUTER DEPARTMENT

COURSE: INTRO TO COMPUTERS COURSE CODE: 2551
LEVEL: 9 CREDIT: 1 PREREQUISITE:



Introduction to MS Word, Excel, Power Point, Keyboarding, and all Google Platforms. Course teaches the students how to create, save, print, and reopen word processing documents. They will learn the fundamentals of WORD page layouts, justification, formatting, tables, margins, tabs, indent, headers, footers, page numbers and graphics. Students will also learn bullets, create, and edit, columns, tables, graphics, spell check, and more. Students will learn basic POWER POINT slide creation, slide development, option for printing and power points. Students will learn basic EXCEL tables, formulas, and analyze spreadsheets. In this course, you will learn about the many resources available to you in Photoshop and Illustrator – how to paint and edit images; how to use brushes and pen tools; how to rotate, scale and distort – and so much more. You will complete projects that will get you comfortable with illustrating, designing, retouching, creating assets for film and visual effects, and creating web sites.

COURSE: GRAPHIC DESIGN COURSE CODE: 2556
LEVEL: 10-12 CREDIT: 1 PREREQUISITE: INTRO TO COMPUTERS/TA



Students will study photography, graphic design, AutoCAD, web design and 3D printing in this class. This course will also be a study of two-dimensional (2-D) design with emphasis on the visual communication design process. Topics include basic terminology and graphic design principles, introduction to the fundamentals of design that lead to the discovery and comprehension of the visual language. Experience with computers preferred but not required. This course will count as a Computer Credit. Renewal in second semester class is by approval only.

COURSE: DIGITAL MEDIA COURSE CODE: 2910
LEVEL: 10-12 CREDIT: 1 PREREQUISITE: INTRO TO COMPUTERS/TA



Students will learn about the ever-changing digital world and be provided with hands-on experience with industry standard software and equipment. Topics covered in Digital Media classes include graphic design, animation, audio production, video production, reporting, journalistic writing, video editing, social media, customer service, and web design. Students will apply these skills to the production of the Hilldale Buzz Website (hilldalebuzz.com). Students should see this class as a job which produces an authentic product--the district website. Students will be required to interact with faculty, administration, and fellow students at all campuses.

COURSE: INTRO TO STEAM COURSE CODE: 2554
LEVEL: 10-12 CREDIT: 1 PREREQUISITE: INTRO TO COMPUTERS/TA



Students will learn about Science, Technology, Engineering, Art, and Math. Students will be provided with hands-on experiences with industry standard software and equipment in the New FAB LAB.

COURSE:	WORLD ART/CULTURE	COURSE CODE:	H2933
LEVEL:	11	CREDIT:	1
		PREREQUISITE:	

World Art/Culture studies the relationship between the culture and the arts of Western civilization.

FAMILY & CONSUMER SCIENCE DEPARTMENT

COURSE:	FACS I	COURSE CODE:	8415
LEVEL:	ALL	CREDIT:	1
		PREREQUISITE:	

A basic comprehensive instructional program designed to help prepare students for multiple roles as individuals and family members. Emphasis is placed on leadership, decision making, consumer skills, personal and family relationships, parenting, health, nutrition, housing design, basic sewing and cooking skills.

COURSE:	FOODS/NUTRITION	COURSE CODE:	8405
LEVEL:	10-12	CREDIT:	1
		PREREQUISITE:	FACS I

This course focuses on cooking techniques and an introduction to the hospitality industry. Students will prepare foods, including stocks, soups, and sauces, marinades, breads, pastries, etc.

COURSE:	MARRIAGE/FAMILY	COURSE CODE:	3410
LEVEL:	10-12	CREDIT:	0.5
		PREREQUISITE:	FACS I

This course looks at the family, its structures, and functions. There is an emphasis on the sociological theory and research on marriage, kinship systems, and components of mate selection, intimate relationships, and child-rearing practices.

COURSE:	PARENT/CHILD	COURSE CODE:	8403
LEVEL:	ALL	CREDIT:	0.5
		PREREQUISITE:	FACS I

This course is for students of today who are planning for tomorrow. Topics discussed: readiness for parenthood, developmental changes in families; the value of play, family concerns and crisis; developing healthy relationships and decision-making skills. The primary focus of Child Development I is on pregnancy, prenatal development, birth, the first year of life and parenting practices. Adoption of the "Real Care" electronic baby and wearing the "Empathy Belly" are required simulations for this course.

MISCELLANEOUS ELECTIVES

COURSE: ATHLETICS **COURSE CODE: H3330**
LEVEL: ALL CREDIT: 1 **PREREQUISITE:**

School sponsored athletics. Students should choose this class if they are participating in any of the following athletic activities: Baseball, Basketball (Boys/Girls), Cheer, Football, Golf (Boys/Girls), Soccer (Boys/Girls), Softball, Track.

COURSE: LEADERSHIP I **COURSE CODE: H2760**
LEVEL: 10 CREDIT: 1 **PREREQUISITE:**

Students will gain a greater understanding of how to implement leadership concepts and qualities, with an emphasis on developing their personal leadership skills. They will obtain hands-on experience in leadership through involvement in the Student Body and development of school and community programs, activities and events. Students will learn about and take part in the governance process of the school and community. They will display the appropriate attitude and responsibilities of leaders. Students will promote initiative, leadership, democracy and school spirit.

COURSE: SENIOR INTERNSHIP **COURSE CODE: H2791**
LEVEL: ALL CREDIT: VARIES **PREREQUISITE: COUNSELOR APPROVAL**

This class utilizes classroom instruction and on-site intern experience. Upon completion of this course you have a better understanding of employment soft skills and specific career options. Traditional letter-grades will be assigned for this class, grades are based upon work attendance and performance reviews, classroom performance during instructional time and weekly journals and a final project. Times and credit for this class vary based on the student's schedule and the amount of time spent at the worksite.

COURSE: YEARBOOK **COURSE CODE: H4240**
LEVEL: ALL CREDIT: 1 **PREREQUISITE:**

A two semester course designed for students interested in journalism and developing their skills in writing and graphic arts. Students will learn the characteristics of news, feature, editorial and sports writing. Additionally students will study the components of magazine layout and advertising production in digital format. Photo journalism will also be an important part of the class as it is essential for the production of the major class the product.

COURSE: SOCIOLOGY **COURSE CODE: 5720**
LEVEL: 11 CREDIT: 1 **PREREQUISITE:**



The study of Sociology deals with the study of social roles, problems in society and the changes society influences on humans.

COURSE: NO 7th HOUR CLASS **COURSE CODE: NC1440**
LEVEL: 12 CREDIT: 0 **PREREQUISITE:**

Students having no 7th Hour Class. (Work Release) Offered to only seniors who are in good academic standing.