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DR. KELLY COLLINS, LPC
Director of Counseling

JAMA CONVERSE
Counselor

BRYAN PROCTER
Counselor

CORMIE'RE BISHOP
Freshman Counselor

ERICA BRYAN
Registrar

TAMMY GENTRY
Administrative Assistant

CHOCTAW HIGH SCHOOL

COUNSELING DEPARTMENT

14300 N.E. TENTH STREET

CHOCTAW, OKLAHOMA 73020

Phone: 405.390.6919 Fax: 405.390.1361



Dear Students:

The counseling staff at Choctaw High School hopes that you find this Course Catalog helpful and useful. Enrolling and planning for your future is extremely important, whether you are planning for one year of additional training, an Associate's Degree, a Bachelor's degree or more. Please take your time and work with your parents as you select courses. The CHS schedule is created new every year based on the courses selected by students. Select courses that will help you achieve your goals.

Be sure to utilize the CHS Pre-Enrollment Review created by your counselor and read the Frequently Asked Questions in this book. The Graduation Check shows how many units you need for graduation. Meeting the requirements for graduation is your responsibility!

Work with your CHAT Academy Advisor and feel free to ask your counselor for additional help.

Sincerely,

The Counseling Office Staff

Mrs. Bishop
Freshman

Dr. Collins
Last Names A – F, grades 10-12

Mr. Procter
Last Names G – M, grades 10 -12

Ms. Converse
Last Names N – Z, grades 10 -12

FREQUENTLY ASKED QUESTIONS

- 1. Should I take a world language in high school?**
YES - College Preparatory Curriculum requires two units of the same world language or two units of computer technology. We highly recommend two years of a world language.
- 2. Do I need to take a computer class in high school?**
YES – All students should complete at least one computer course before graduating from high school. Computer Applications I taken at the 8th grade level counts for this requirement.
- 3. Do my math units have to include Algebra I, Geometry, and Algebra II?**
YES - Colleges still require Algebra I, Geometry, and Algebra II. We highly recommend Algebra III and higher math for students pursuing a "college prep" degree. Choctaw High School students must have four units of math to graduate.
- 4. When will I take the ACT test?** Sophomores will take the Pre-ACT Test at school. Juniors will take a free state required ACT test at school one time.
- 5. If I didn't do well in a math class and received a "D", can I still repeat the same class for credit?**
YES - A math class may be repeated, and you can receive elective credit for retaking it. In fact, it is recommended to better prepare you for success in the next math class. However, both grades will appear on the transcript.
- 6. Can I take two English classes during the same year?**
NO - Students must take the grade level English for the appropriate grade. Occasionally a student may take two English classes in order to make up credits.
- 7. Can I work ahead and graduate early?**
NO - Students are not allowed to work ahead to graduate early. Juniors and seniors are encouraged to consider concurrent enrollment at Rose State College after they have met the high school requirements.
- 8. Weighted G.P.A. -** All Advanced Placement (AP) courses will have a weighted GPA scale. Final grades will be on a 5.0 scale.
- 9. What is "Concurrent Enrollment"?**
Concurrent enrollment gives students an opportunity to earn college credits while in high school. Students should take the ACT test and score a 19 to be considered for enrollment. See your counselor for more information.
- 10. Oklahoma's Promise**
Oklahoma residents in the 8th, 9th, or 10th grade whose parents earn \$55,000 or less per year may apply for free college tuition. Get more information, or apply online at www.okpromise.org. Call 1.800.858.1840 for questions.

Choctaw High School Graduation Check

29 Units are needed for graduation.

Curriculum Requirements

Mathematics (4 units required)

Science (3 units required)

Social Studies (3.5 units required)

Additional Graduation Requirement:

Physical Education

2 Blocks

Instruction is centered on the fundamentals of games and activities that students may participate in throughout their active lives. Fitness and conditioning are emphasized and practiced. Personal equipment and gym clothing for class include the following: tennis shoes, shorts, t-shirts, towel, and combination lock. Activities and games include aerobics, basketball, bowling, golf, softball, step-aerobics, tennis, volleyball, weight training, and other activities. Students may not enroll in two P.E. classes during the same semester.

Strategies for Success

2 Blocks • Grade 9 (Freshmen Transition Course)

Required for all Freshmen

This required course is designed to help freshmen students become better communicators. The coursework addresses a combination of personal/social, academic, career, and life skills. Time is also spent on developing a connection to Choctaw High School and building a foundation of community within the freshman class. Students will develop an Individual Career and Academic Plan (ICAP) to explore their career interests and connect their interests to future careers. Students will set post-secondary goals and will develop a plan of academic coursework at CHS aligned with their individual career pathway. This class also covers the Financial Literacy objectives that are required for graduation.

CHS Student Leadership

2 Blocks

Prerequisite: Approval from STUCO Sponsor.

Student Leadership is devoted to learning and practicing the many skills needed to become an effective leader. Students learn theories of leadership and implement them in real school and community projects and activities.

Yoga

2 Blocks • Grades (Females only)

A non-competitive practice that centers on varying body postures that help with strength, balance, flexibility, and stress alleviation. Improved sense of self-awareness along with a greater respect for one's body are by-products of this course. Gym clothes and personal equipment are required: exercise pants, t-shirt, yoga mat, and combination lock. Students may not enroll in two P.E. classes during the same semester.

Students Assisting Students

2 or 4 Blocks (class may be repeated) • Grades

Prerequisite: Application & Teacher Permission

This course is designed to allow students to work with handicapped students in a classroom setting. Students develop an understanding of behavior management techniques, develop a positive attitude toward individuals with disabilities, and work with students under the direction of a teacher. Students enrolled in this course are required to attend meetings at 7:30 am one day a week and keep a notebook with assignments and journals. Students are also evaluated by the teacher who supervises them. In order to enroll in the class, students need two teacher recommendations and approval by the course teacher.

Teacher Cadet Corps

2 or 4 Blocks (class may be repeated) • Grade 12

Prerequisite: Teacher Permission

Students in the Teacher Cadet Corps are assigned to elementary or junior high schools to serve as tutors in all subject areas. Students must have their own transportation. There are outside assignments based on educational curriculum.

Sports

Prerequisite: Coach's Approval

Participation in these activities require written OSSAA physical examination, transportation liability release, acceptance of eligibility requirements, and availability of medical expense coverage. Students provide their own transportation to and from daily practice. Additional expenses for personal supplies, equipment, and trips should be expected.

First & Second Blocks

- Football
- Off Season Baseball
- Boys Cross Country
- Girls Cross Country
- Girls Volleyball
- Girls Fast-Pitch Softball

Third & Fourth Blocks

- Baseball
- Boys Tennis
- Boys Soccer
- Boys Track
- Girls Track
- Girls Soccer
- Girls Tennis
- Boys Golf
- Girls Golf
- Off Season Football
- Girls Slow-Pitch Softball

All Year

- Boys Basketball
- Girls Basketball
- Wrestling
- Cheerleading
- Pom

AIR FORCE JUNIOR RESERVE OFFICER TRAINING CORPS

All of the following Aerospace Science courses incorporate a wellness/physical fitness component and a drill and ceremonies component.

Wellness/Physical Fitness: Instruction will incorporate the Cadet Health and Wellness Program (CHWP). The CHWP is an exercise program focused upon individual base line improvements with the goal of achieving a Presidential Physical Fitness standard calculated with age and gender. The goal of the CHWP is to motivate JROTC cadets to lead active, healthy lifestyles beyond program requirements and into their adult lives. Cadets will be given the opportunity to put into practice the wellness concepts that are taught in Leadership Education I.

Drill and Ceremonies: The Drill and Ceremonies course provides an in-depth introduction to drill and ceremonies. The course concentrates on the elements of military drill and describes individual and group precision movements, procedures for saluting, drill, ceremonies, reviews, parades, and development of the command voice. Students are provided detailed instruction on ceremonial performances and protocol for civilian and military events and have the opportunity to personally learn drill. Though each class will follow an established lesson plan, most of the work is to be hands-on.

Aerospace Science I/Physical Education

4 Blocks • Grade 9

Prerequisite: None

A Journey Into Aviation History: Cadets focus on the development of flight throughout the centuries. Course emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force; and a brief astronomical and space exploration history.

Citizenship, Character, & Air Force Tradition: Introduces Cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program, providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. Course contains sections on Cadet & Air Force organizational structure; uniform wear; customs, courtesies, & other military traditions; health and wellness; fitness; individual self-control; & citizenship.

Aerospace Science I

2 Blocks • Grades 9 (By Exception)

Prerequisite: None

A Journey Into Aviation History: Cadets focus on the development of flight throughout the centuries. Course emphasis is on civilian and military contributions to aviation; the development, modernization, and transformation of the Air Force and a brief astronomical and space exploration history.

Citizenship, Character & Air Force Tradition:

Introduces Cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program, providing a basis for progression through the rest of the AFJROTC program while instilling elements of good citizenship. Course contains sections on Cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; health and wellness; fitness; individual self-control; and citizenship.

Aerospace Science II

2 Blocks

Prerequisite: Aerospace Science I

The Science of Flight - A Gateway to New Horizons:

An introductory course that focuses on the science of how airplanes fly, how weather conditions affect flight, how flight affects the human body, and how the challenge of navigation an aircraft is accomplished. The course is designed to complement materials taught in math, physics, and other science-related courses

Communication, Awareness & Leadership:

Cadets focus on the Air Force Junior Reserve Officer Training Corp (AFJROTC) mission to “develop citizens of character dedicated to serving their nation and community”. This is accomplished through better communication, increased awareness of self and others, and improved leadership. Woven throughout the course is the underlying theme of developing integrity while emphasizing leadership and other values, such as service and excellence.

Aerospace Science III

2 Blocks • Grades 10 (By Exception), 11, 12

Prerequisite: Aerospace Science II

Exploring Space - The High Frontier: Course focuses on the latest information available in space science and space exploration beginning with the study of the space environment from the earliest days of interest in astronomy, through the Renaissance, and into modern astronomy. Study includes an in-depth look at the Earth, sun, stars, moon, and solar system including the terrestrial and outer planets and issues critical to travel in the upper atmosphere such as orbits and trajectories, The importance of entering unmanned satellites, and space probes. The importance of entering space with manned and unmanned space flights is discussed focusing on concepts surrounding spaceflight, space vehicles, launch systems, and space missions. Manned spaceflight section focuses on the Space Shuttle, space stations and beyond, covering milestones in the endeavor to land on the Moon and to safely orbit humans and crafts for temporary and prolonged periods.

Life Skills & Career Opportunities: Cadets focus on the Air Force Junior Reserve Officer Training Corp (AFJROTC) mission of “Building Better Citizens for America”. This is accomplished through excellence in citizenship, and through teaching the values of community service, responsibility, character, and self-discipline. The course is designed to equip students with essential life skills, focusing on educational and career paths. The underlying theme of the course emphasizes that responsibility in life skills supports good citizenship.

Aerospace Science IV

2 Blocks • Grade 11 (By Exception) & 12

Prerequisite: Aerospace Science III & be an AFRJOTC Cadet Officer

Cultural Studies - An Introduction to Global

Awareness: This course introduces cadets to the world’s cultures through the study of world affairs, regional studies, and cultural awareness. The course delves into history, geography, religions, languages, culture, political systems, economics, social issues, environmental concerns, and human rights.

Principles of Management: This course contains many leadership topics that will benefit cadets as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. Cadets learn the history and importance of management, techniques and skills involved in planning and decision making, importance of managing change, stress, and innovation, and the key elements of individual and group behavior, the importance of the communication process, and the characteristics of a good leader.

Unlocking Your Potential: This course will offer students the opportunity to learn about, practice and eventually master the timeless concepts of attitudinal training and success. They will explore the concepts that make up individual potential, the qualities of peak performers, the role of self-image and self-esteem in determining performance, how to set goals, how to use self-talk and imagination to achieve goals, and how to use a specific plan of action to attain a goal. This course is about application, results and improved life skills.

Aerospace Science V

2 Blocks • Grade 11 (By Exception) & 12

Prerequisite: Aerospace Science IV & be an AFJROTC Cadet Officer.

Aerospace Science V: The survival course instruction will provide cadets training in skills, knowledge, and attitudes necessary to successfully perform fundamental tasks needed for survival. Cadets will know the elements of surviving, know how medicine procedures, clothing, and shelter can provide personal protection for a survivor in a survival situation, know the necessities for maintaining life in a survival situation, and know how to travel and prepare for recovery in a survival situation.

Principles of Management: This course is a follow on to the Principles of Managements as taught in Aerospace Science 4. The course continues to teach many leadership topics that will benefit cadets as well as provide them with some of the necessary skills needed to put into practice what they have learned during their time in AFJROTC. Cadets will know the history and importance of management, know the techniques and skills involved in planning and decision making, know the importance of managing change, stress, and innovation, and know the key elements of individual and group behavior, the importance of the communication process, and the characteristics of a good leader.

National Endowment for Financial Education and High School Financial Planning Program:

Students will build confidence, apply practical skills, and exhibit sensible behaviors related to money management. Specifically, they will build confidence to make financial decisions related to managing personal financial resources, building earning capacity, protecting assets, and adapting to unexpected events. They will be able to apply sound foundational financial decision making principles immediately after completing the program and in the future. The students will exhibit mindful money management behaviors that will be of immediate and future benefit to themselves and their families.

CAREER & TECHNICAL EDUCATION

FACS Basics

2 Blocks • Grades 9, 10 (**FACS EOI required 2021-2022**)

A comprehensive study designed with updated content areas of clothing and textiles, the developing preschool age child, housing and family lifestyles, financial fitness in the home, human ecology, and food science. Attention is also focused toward assisting students with understanding a career ladder and assuming leadership responsibilities. Student leadership through Family, Career and Community Leaders of America (FCCLA), is an integral part of this course.

Human Growth and Development

2 Blocks (**Offered 2022-2023**)

Students will examine human development across the lifespan. From newborn to older adulthood, people continue to develop and change physically, cognitively, socially, and emotionally. Family trends, cultural diversity, health, and safety are included. Student leadership through Family, Career, and Community Leaders of America (FCCLA) is an integral part of this course.

Interpersonal Studies

2 Blocks (**Offered 2021-2022**)

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. Student leadership through Family, Career and Community Leaders of teamwork in the food service environment is also emphasized.

Culinary Basic Skills

2 Blocks • Grade 10, 11, 12 (**Offered 2021-2022**)

This course is an introduction to the history of food service and kitchen fundamentals such as safety, sanitation, kitchen equipment and kitchen basics. Nutrition as it relates to food preparation is also covered. The ServSafe certification by National Restaurant Association may be taught/obtained during this course. Students learn preparation and quantity food production skills in breakfast foods, sandwiches, salads, garnishes, fruits, vegetables, potatoes and grains. Students will learn proper terminology and use of equipment applicable to the preparation of these foods. The importance of teamwork in the food service environment is also emphasized.

Comprehensive Health

2 Blocks • Grade 11, 12 (**Offered 2022-2023**)

Students will examine current trending topics such as nutrition, alcohol, tobacco and opioid abuse, and human trafficking. Other topics include sleep, body image, and pregnancy prevention.

Agriscience II

2 Blocks (**Offered every 4 years, next offered 2022-2023**)

Prerequisite: Required to join FFA, teacher approval

This course will introduce students to the content that leads to a Career Development Event. Students can specialize in five areas: Animal Science, Plant and Soil Science, Food Science, Ag Power and Technology, and Agricultural Communications and Leadership.

Introduction to Agriscience

4 Blocks

Introduction to Agriscience is a two-unit, foundational course offered at the ninth grade level. Course content emphasizes science-based approaches to the agricultural industry, natural resources, animal science, plant/horticulture and soil science, agricultural safety, agribusiness and economic principles, careers, and agricultural mechanics. Supervised experience and FFA are included in the course. Students would typically complete this course before enrolling in courses in the career pathways.

Introduction to Horticulture

2 Blocks • Grades 10, 11, 12 (Offered every 4 years, next offered 2021-2022).

Prerequisite: Introduction of Agriscience

Introduction to Horticulture is the first course in the pathway in schools with a horticultural emphasis. It is for students who wish to develop knowledge and skills related to ornamental horticulture, including flowers, landscaping, vegetable, and greenhouse production. Content includes species and importance of horticultural plants, plants as living organisms, plant growth, and including the use of greenhouses and other growing structures. FFA and supervised experience are included as appropriate.

Introduction to Agriculture Power & Technology I

2 Blocks • Grades 10, 11, 12

Prerequisite: Introduction of Agriscience, student is required to join FFA.

This is an introductory course for students interested in agricultural mechanics and power equipment. Content includes importance of agricultural mechanics; personal and employability safety; identifying, using, and maintaining common hand tools; metal fabrication; and preparing and using simple project plans.

Agriculture Power and Technology II

2 Blocks • Grades 11, 12

Prerequisite: Agriculture Power & Technology I

This course is designed for students with the desire build on the skills and fundamentals in agricultural mechanics. Content includes importance of agricultural mechanics; personal and employability safety; identifying, using, and maintaining common hand tools; metal fabrication; and preparing and using simple project plans.

Agriculture Power and Technology III

2 Blocks • Grades 11, 12

Prerequisite: Introduction of Agriscience

This is an advanced agricultural mechanics course. Physical science and mathematics principles will be integrated throughout the course. Major areas of content include the meaning and importance of agricultural mechanics. Identifying, using, and maintaining common hand and power tools; planning and organizing facilities and shops; using measuring devices; selecting and using wood and metal materials; preparing and using project plans; and metal fabrication. FFA and supervised experience will also be included.

Introduction to Animal Science

2 Blocks • Grades 10, 11, 12

Prerequisite: Introduction of Agriscience

The Introduction to Animal Science course is structured to provide a sound foundation for advanced course. The course is designed for students interested in learning the fundamentals of science-based animal agriculture. The content includes the importance and scope of agricultural animals, anatomy, physiology, reproduction, nutrition, health and disease management, facilities and equipment, and production practices of popular species. Evaluation, fitting, showing, and marketing are included. Animal ethics and safety are also included. FFA and supervised experience are integral in the course.

Wildlife Management

2 Blocks • Grade 10, 11, 12 .

Prerequisite: Introduction to Agriscience

This course introduces students to the principles of wildlife management and conservation and to opportunities for further education and careers in the field of wildlife biology. The course includes instruction in the history of wildlife management, ecological concepts, habitat assessment, habitat management techniques for wildlife, population dynamics, predator-prey relationships, wildlife species biology and identification, human-wildlife conflict resolution, the role of hunting in conservation, game and fish laws and regulations, hunter safety, and the application of scientific principles to managing wildlife habitats and populations. Classroom and laboratory activities are supplemented through Supervised Agricultural Experiences and leadership programs and activities.

BUSINESS/COMPUTER TECHNOLOGY

Computer Applications I

2 Blocks • Grades 9, 10, 11, 12

Computer Supplies: \$15/Semester

This course introduces students to word processing concepts using Microsoft Word and presentation software concepts using Microsoft PowerPoint to gain entry-level job skills. Students receive instruction in creating/printing documents, basic formatting and editing, search and replace, page formatting, spell checker and thesaurus, merge, sort, graphics and tables/columns.

Computer Applications II

2 Blocks • Grades 9, 10, 11, 12

Prerequisite: Computer Applications I Computer Supplies: \$15/Semester

Students are introduced to the latest advancements that Microsoft Excel has to offer with Microsoft Excel 2016. Students receive instruction in creating worksheets and charts; formulas, functions, and formatting; working with large worksheets and what-if analysis; sorting and querying a table; and other more advanced features. This class helps prepare students for both their academic and professional futures.

Digital Technology

2 Blocks • Grades 10, 11, 12

Prerequisite: Successful completion of Computer Applications I & II
Computer Supplies: \$15

This course introduces students to the digital technology which could be used in everyday life. Through projects and activities, students will address the ethical use of online and digital media, use digital media and software to create short videos, edit and manage images, and design simple web pages.

Office Procedures (Office Aide)

4 Blocks • Grade 11, 12

Prerequisite: Administrative Application, Parent/Guardian Approval & GPA 3.0 or higher

The course teaches students the basics of daily office skills, including filing & telephone etiquette, and the opportunity to apply these skills. This class is taught through the application of skills in a daily lab setting in the offices at CHS, which includes the principal, counselors, attendance, or media center director.

FINE ARTS

Color Guard

2 Blocks • Grades 9, 10, 11, 12

Prerequisite: By permission only.

The Pride of Choctaw Color Guard is enrolled by permission only. A list of accepted students will be submitted to the office for schedule placement once auditions are completed. Students who plan to audition may be asked to select an elective class at enrollment that they will change if selected.

Winter Guard

2 Blocks • Grades 9, 10, 11, 12

Prerequisite: By permission only.

Enrollment in Winter Guard is by permission only after an audition. Students who plan to audition for Winter Guard will need to select an elective class at enrollment that will be replaced if selected.

Band

4 Blocks • Grades 9, 10, 11, 12

Prerequisite: Successful completion of a middle school band program
Requirements: By permission only

The Pride of Choctaw High School Band is a competitive performance based musical group including a competitive marching band, concert bands, jazz bands, and other ensembles. Students desiring membership need successful completion of a middle school band program. Enrollment is by permission only.

Introduction to Teaching Instrumental Music

2 Blocks • Grade 12

Prerequisite: Director's Permission

Offered to band students second and third period only with permission of Director. Students must be seniors who have shown a desire to further their involvement in music by teaching. This class may only be taken once per semester.

Music History/Survey I

2 Blocks • Grades 9, 10, 11, 12 (Offered in the Spring of odd years).

Prerequisite: Enrollment and participation in CHS Band, AND permission from the Instructor.

The history portion of this course explores the topic of music history as it pertains to the established style periods of history and an introductory course in instrumental music that will further introduce students to collegiate-style music courses.

Music Theory/Survey II

2 Blocks • Grade 10, 11, 12 (Offered in the Spring of even years).

Prerequisite: Enrollment and participation in CHS Band, AND completion of Music History/Survey I AND permission from the instructor.

During the Theory portion of this course, students will begin with a review of basic music theory skills and move into intermediate skills that students wishing to continue music at the collegiate level will find useful. Students will then study rudimental chord progressions and advanced scale theory (major, melodic minor, diminished, whole tone).

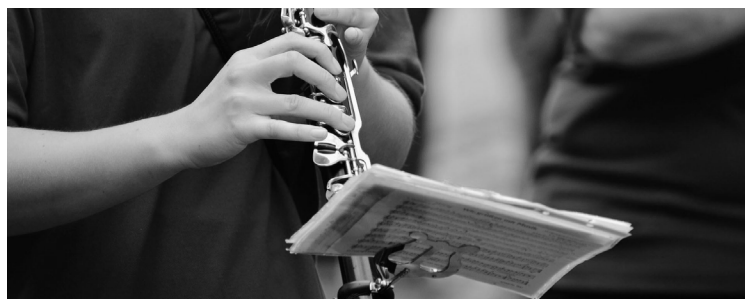
Applied Music

2 Blocks • Grade 10, 11, 12 (Offered in the Fall of each year).

Prerequisite: Enrollment in band and audition for honor band

Requirements: By audition only

This course provides music instruction on a principal instrument. Instruction is offered in music for students already proficient in playing an instrument or singing. Ability to read music is required. All students enrolled in applied music are required to audition for at least one honor band during the fall semester. Admission to the course is by audition only. Students will receive one-on-one instruction, receive feedback to improve, and are expected to keep a log of their practice times. At the end of the semester, each student will submit a "Music Portfolio," consisting of the music they prepared during the course, their practice log, and one recording from the musical repertoire.



Freshman Mixed Choir

2 or 4 blocks • Grade 9

This beginning choir for all freshman will ensure that they are truly on a high school level as far as singing abilities, reading and understanding music is concerned. Also since all contests are still junior high and senior high, better focus can be given to ninth grade abilities and opportunities. As time permits, this course will also include an introduction to basic piano. Students are highly encouraged to sign up for all four blocks as the course builds on prior experience, and contest season is in the spring.

Mixed Choir

4 Blocks • Grades 10, 11, 12

Open to all voices grades 10-12. No prior experience is required but is beneficial. Students are required to perform in concerts and encouraged to compete in contests throughout the year. They will also learn to read music and will improve their performance skills through a variety of means including, but not limited to, sight-reading and vocalizing. As time permits, this course will also include an introduction to basic piano. This is a full year class and four blocks need to be assigned.

Advanced Competitive Mixed Choir

4 Blocks • Grades 10, 11, 12

Prerequisite: Director's Approval by Audition. Students must retain academic eligibility during the year.

Students are accepted into this advanced choir through auditions held in the spring and August. Students are required to perform in concerts and must be able to read music. Students will be expected to continue improving their singing-reading skills and will as time permits, be introduced to basic piano skills. Since this is a competitive class all students will be required to audition for outside choral and solo contests. This is a full-year class, and four blocks need to be assigned.

Music Appreciation with Piano Introduction

2 Blocks • Grade 9, 10, 11, 12

Prerequisite: None

The purpose of this course is to introduce students to music theory, music history and understanding these art forms including surveying musical styles and listening to great tunes of different periods. This class will also introduce students to the basics of piano; no experience is necessary. This class fulfills the Fine Arts requirement for the Oklahoma's Promise Scholarship.

Art

2 Blocks • Grades 11, 12

Prerequisite: None

Art Supplies: \$15/Block

Introduction to design basics, drawing, painting, and sculpture. Art production relates to the study of design elements and principles.

Advanced Art

2 Blocks • Grade 12

Prerequisite: "C" or higher in Art

Art Supplies \$15/Block

Students take the information learned in Art, expand their knowledge of the Elements of Art and focus more on incorporating them into the Principles of Art, as well as a more in depth study of Art History and the artists. Students also learn more advanced techniques through Drawing, Painting, Sculpture, Fibre Arts, Printmaking and more.

Clay Art I & II

2 Blocks • Grade 12

Prerequisite: None

Art Supplies \$15/Block

Basic methods course in clay pottery building and sculpting. Stresses hand building methods of modeling. Kiln procedures are introduced.

Competitive Debate

2 or 4 Blocks • Grades 9, 10, 11, 12

Prerequisite: Instructor Permission

This is a course in argumentation and organized debate. Students learn skills such as: persuasive writing, critical listening, and rapid note taking. In addition, students engage in rational and philosophical discussions covering a vast array of topics. Students in this class are required to compete at contests during the competitive season.

Drama 9

2 Blocks • Grade 9 (Fall Semester)

Prerequisite: None

This performance-based class is designed specifically for 9th grade students interested in exploring stage performance and competitive drama. Study includes appreciation for theatre, theatre terminology, acting

exercises, basic principles of acting and stage movement, and participation in a variety of competitive speech and drama events such as standard oratory, prose, and acting events. Although competition is not required, students are encouraged to attend and/or compete at OSSAA Speech and Drama qualifying tournaments throughout the semester. Students are also required to participate in a one act play which includes operation of light and sound boards. One Act Play also requires attending a minimum of 2 after school rehearsals. After completion of the course, the instructor may recommend student for either Drama or Competitive Drama.

Drama

2 Blocks • Grades 9, 10, 11, 12

(9th grade can enroll for S2)

Prerequisite: None

This performance-based class is designed for beginning theatre students or students who want to continue growing their theatre skills. Study includes appreciation for theatre, theatre terminology, acting exercises, basic principles of stage performance and movement, audition monologues and scenes, and exploration of OSSAA Speech and Drama competition events including prose, poetry, and acting events. Although competition is not required, students are encouraged to attend and/or compete at OSSAA Speech and Drama qualifying tournaments throughout the semester. Students are also required to participate in an one act play which includes operation of light and sound boards. One Act Play also requires attending a minimum of 2 after school rehearsals. After completion of the course, instructor may recommend student for Competitive Drama.

Competitive Drama

4 Blocks • Grades 10, 11, 12

Prerequisite: Successful completion of CHS Drama 9 or Drama course. Instructor Permission & Recommendation

The primary emphasis of this course is on competitive acting in both one act play and individual events. Study includes extensive understanding of OSSAA Speech and Drama event rules and guidelines, District and National Speech and Debate event rules and guidelines, and finding then preparing competition materials. Students will be required to participate in the following: OSSAA One Act Play, OSSAA Qualifying Speech Tournament Season (minimum of 4 qualifying tournaments per year), OSSAA Regional and State Speech Tournaments, Individual Event Showcase, and Spring Production. Students must also remain academically eligible in all classes to participate in this course. Students are required to attend all Finals Rounds at Regional, State, and District Speech Tournaments regardless of qualification. Attendance of play rehearsals and individual event acting labs after school and on weekends is also a mandatory requirement of this course.

Competitive Stagecraft

2 Blocks • Grades 9, 10, 11, 12

Prerequisite: Instructor Permission (Limited to 25 students)

Students learn basic skills in construction of sets and theatrical design. Students build sets for plays performed by the drama department. Students learn about theatrical make-up, costuming, lighting and sound design; students complete assignments to increase knowledge in such areas. Students from this class run crew for the drama department productions and are required to attend labs, builds, and rehearsals, during the fall it is for the One Act Competition. The spring semester students must work the spring show or if during a musical year one of the two.

Filmmaking

2 Blocks • Grades 10, 11, 12

Computer Supplies \$15/Block

Prerequisite: Instructor Permission (Limited enrollment cap at 20 per semester)

Students learn firsthand how to write, act, direct, edit and market for film. Students go through the Pre-Production, Production and Post Production process. The class is totally hands on so if you are not one to be involved in groups this class is not for you. Every project is group based. The course will touch on light, sound and basic camera operation.

TV Production I

2 Blocks • Grades 9, 10, 11, 12

Computer Supplies \$15/Block

This is the introductory class for our KJI and Yellowjackets.tv sites. Students will get a hands on approach in assisting with our weekly news show (KJI) and our sports broadcasts on Yellowjackets.tv. Students will be responsible for sharing the workload of attending our varsity team sports events and streaming the games live to Yellowjackets.tv. During the day, students will help gather information about our school community for KJI. This is the basic course for learning these two programs at our school.

TV Production II

2 Blocks • Grades 10, 11, 12

Prerequisite - TV Production I and Instructor permission
Computer Supplies \$15/Block

This course's main focus is on providing the school and community our weekly KJI news. This group is responsible for making sure the show is completed on time and up for viewing on our Youtube channel. Students will be in charge of the camera work, editing, interviews, and stories. These productions are designed to promote

a positive school spirit. Students will assist the live broadcasts for Yellowjackets.tv sporting events.

Broadcasting/Webcasting

2 Blocks • Grades 10,11,12

Prerequisite: TV Production I

Computer Supplies \$15/Block

This course's main focus is on providing the live broadcasts of our varsity teams sporting events to the community. Students focus is on maintaining and operating Yellowjackets.tv. Students will be responsible for keeping the school and community informed on scores and highlights of our sports at Choctaw High School. Students will also social media to help share information. Students will lead live broadcasts and must work a certain amount throughout the year. Students will assist TV Production II with the weekly KJI news show.

World Language

Spanish I

2 Blocks • Grades 9, 10, 11, 12

Prerequisite: None

An introductory two-semester course exposing basic language concepts in a predominantly conversation-oriented format, covering all materials in the Suggested Learner Outcomes of the State Education Department. Some aspects of Hispanic culture are discussed.

Spanish II

2 Blocks • Grades 9, 10, 11, 12

Prerequisite: Spanish I or equivalent language experience

A second level two-block course, which delves a little deeper into the grammatical structure of the language. Attention is directed to spelling, pronunciation, grammar, and oral skills.

Spanish III

2 Blocks • Grades 10, 11, 12

Prerequisite: Successful Completion of Spanish II with a C or higher or equivalent language experience & Teacher Approval

An advanced third year two-block course, which focuses on bringing vocabulary and grammar together into whole language. Students work on reading and conversation skills, and explore Spanish literature, periodicals, newspapers, etc.

WORLD LANGUAGE & LANGUAGE ARTS

Spanish IV

2 Blocks • Grades 11, 12

Prerequisite: Successful Completion of Spanish III with a C or higher or equivalent language experience & Teacher Approval

An advanced fourth year two-block course which focuses on verbal and auditory communication and comprehension. Students are immersed in culturally authentic situations and use a variety of multimedia to increase language proficiency.

AP Spanish

2 Blocks • Grades 11, 12

Prerequisite: Spanish IV or equivalent language background & Teacher Approval

This is a college level course designed to cover grammar points in all major tenses. Students are required to write and speak a great deal. In addition, at least seven hundred words will increase their vocabularies. Students have the option of taking an Advanced Placement test at the end of the course. Depending on their score, students have the possibility of earning twelve college credit hours.

LANGUAGE ARTS

English

2 blocks

English I - English II - English III - English IV

Prerequisite: Students must take English courses in chronological order and receive a passing grade in one English course before advancing to the next one.

Students can receive dual credit for English IV if they complete both English Composition I (ENGL 1113) and English Composition II (ENGL 1213) at Rose State College. This allows seniors to take advantage of six (6) of the eighteen (18) hours of concurrent enrollment tuition paid for by the state of Oklahoma during their senior year. Books and miscellaneous fees are the student's responsibility. Interested students are encouraged to use the Eastern Oklahoma County Technology Center (EOC Tech) distance learning lab. Buses run to EOC Tech in the morning and afternoon so students would not need transportation. Students MUST score at least a 19 in the English subset of the ACT or PreACT to utilize this dual credit option.

Honors English I

2 Blocks • Grade 9

Prerequisite: Department Approval

Honors English I is the introductory course to Advanced Placement studies in Language Arts. Students are expected to hone their skills in formal grammar and

sentence structure, succinct and clear writing, advanced vocabulary, and critical reading. In preparation for the rigors of future AP classes, students develop the habits of reading and writing independently both in and outside of class.

Honors English II

2 Blocks • Grade 10

Prerequisite: Department Approval

Honors English II is designed to accommodate the incoming sophomores who either excel at or choose a rigorous immersion in the study of language arts. Honors English class is an introduction to AP Language and Composition (Juniors) and AP Literature and Composition (Seniors), both of which are taught at the college level and are guided by recommendations from the College Board. Honors English II is a challenging and rigorous course; the academic requirements and expectations are above grade level.

AP English III

2 Blocks • Grade 11

Prerequisite: Department Approval, summer reading may be required.

Advanced Placement English Language and Composition focuses on the reading and writing skills students need for college success. Both the reading and writing done in this class focus on how the written language functions rhetorically. Activities will also include those designed to deepen students' knowledge and control of formal conventions of written language. At the end of the year, students have the option to take the AP Language and Composition exam. Students who earn a qualifying score may receive college credit for the course.

AP English IV

2 Blocks • Grade 12

Prerequisite: Department Approval, summer reading may be required, An ACT reading score of 19 or higher is suggested, but not required.

Advanced Placement English Literature and Composition is a literature-based writing class that emphasizes reading and writing skills students need for college success. Through the close reading of selected texts, students will focus on the ways writers use language to create meaning. At the end of the year, students have the option to take the AP Literature and Composition exam. Students who earn a qualifying score may receive college credit for the course.

LANGUAGE ARTS & MATHEMATICS

College Readiness

2 Blocks • Grade 12

Prerequisite: Must plan to attend college

.....
This course prepares students who are planning to make college their next step. Throughout the semester students will work on college applications and scholarships as well as prepare an academic plan. Additional help with entrance exams and completion of FAFSA are other key elements of the course. College type study groups aligned to the college study process will also take place as needed. This course integrates critical reading, analytical writing, and research that builds towards skills necessary to be successful in a college classroom. College Readiness also incorporates service learning, speech communications, and financial planning.

Yearbook Publication

2 Blocks or 4 Blocks • Grades 9, 10, 11, 12

Prerequisite: Yearbook Advisor Permission

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Students learn planning, writing, editing, layouts, and design of a school yearbook by publishing the school yearbook. Students also study the basic rules of journalism.

ACT Preparation

2 Blocks • Grades 10, 11, 12

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This course is designed to help college bound students prepare for the American College Test (ACT). Emphasis is placed on English and Math. Students learn test-taking strategies, review content areas, and take several practice tests.

Mythology I / Mythology II

2 Blocks • Grades 10, 11, 12

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This course (first block) will explore the classic mythology of ancient Greece and Rome and its modern allusions in film, literature, and product advertisements. The World

Mythology portion will conclude with an exploration of Norse Mythology—the mythology of the forefathers of our modern English language.

Contemporary Literature/Reading

2 Blocks • Grades 9, 10, 11, 12

This class is designed for students who:

- Enjoy reading and never have time to read for pleasure
- Enjoy reading books they get to choose
- Don't know if they enjoy reading because they haven't found the right books yet
- Need to become stronger readers, because the only way to improve your reading is to practice regularly
- Need to get ready for the ACT reading tests

Writing for Communications

2 Block • Grades 9, 10, 11, 12

Prerequisite: Permission & Signature of most recent English teacher

This course focuses on Creative Writing where students will have an opportunity to hone their writing skills through a variety of modes (short story, personal essay, creative non-fiction, poetry,...) and writing exercises. Writing includes a close evaluation of the tools of language, including grammar, mechanics, syntax, style, and the uses of figurative speech. Students will share their writing in class and become peer editors for one another.

Speech

2 Blocks • Grades 9, 10, 11, 12

This class gives students a fundamental knowledge of basic public speaking skills. Through a variety of presentations, students experience a low-key, low stress atmosphere for speaking in front of a group. This course meets the Oklahoma's Promise fine arts credit.

MATHEMATICS

Students are required to take mathematics courses through Algebra II to graduate. Students planning to attend college should complete Algebra III at a minimum. Juniors are required to take a math course regardless of the number of math courses completed prior to the Junior year.

► Introduction to Algebra I Plus Algebra I

4 blocks • Grade 9

Prerequisite: Pre-Algebra

Required Materials: Scientific Calculator & Graph Paper Required

This course is designed for those students who need Algebra I in an extended study. In addition to reviewing the basic terminology and techniques learned in Pre-Algebra, this course will cover the Algebra I Oklahoma Academic Standards. Topics will include graphing linear equations, solving linear equations, rational expressions, linear inequalities, factoring, operations with fractions, and systems of equations.

► Honors Algebra I

2 Blocks • Grades 9, 10

Prerequisite: "A" or "B" in Pre-Algebra

Materials: Scientific Calculator & Graph Paper Required
This is a fast-paced, all-inclusive Algebra I course. Some topics studied include graphing linear functions, solving linear equations, rational expressions, linear inequalities, factoring, operations, fractions, and systems of equations.

► Geometry

2 Blocks • Grades 10, 11, 12

Prerequisite: Algebra I

Materials: Scientific Calculator, 6" Ruler, Compass & Protractor Required

This course is designed so that students understand the basic structure of plane and solid geometry. Topics studied include coordinate geometry, properties of polygons and circles, ratio and proportion, basic trigonometry, and area and volume of geometric figures. Algebraic skills are reviewed and strengthened through application in solving geometry problems.

► Honors Geometry

2 Blocks • Grade 9 only

Prerequisite: Algebra I

Materials: Scientific Calculator, 6" Ruler, Compass & Protractor Required

This is a fast-paced geometry class taught using advanced strategies. This course is designed so that students understand the basic structure of plane and solid geometry. Topics studied include coordinate geometry, properties of polygons and circles, ratio and proportion, basic trigonometry, and area and volume of geometric figures. Algebraic skills are reviewed and strengthened through application in solving geometry problems.

► Introduction to Algebra II Plus Algebra II

4 blocks • Grade 10, 11, 12

Prerequisite: Algebra I & Geometry

Required Materials: Scientific Calculator & Graph Paper Required (Graphing Calculator Recommended)

This course is designed for students who need to strengthen Algebra skills to be successful in Algebra II. This course reviews the basic terminology and techniques learned in Algebra I and covers the Algebra II Oklahoma Academic Standards. Topics will include linear functions, solving systems of equations, quadratic functions, polynomial functions, sequences and series, exponential functions, logarithmic functions, conic sections, rational functions, power functions, roots, and radicals. Students will study the real and complex number systems.

► Honors Algebra II

2 Blocks • Grades 9, 10

Prerequisite: "A" or "B" in Algebra I & Geometry

Materials: Scientific Calculator & Graph Paper Required (Graphing Calculator Recommended)

This is a fast-paced, all-inclusive Algebra II course. Students need to have a good grasp of Algebra I skills prior to taking this course. Some topics include linear, quadratic, and rational functions, powers, roots, radicals, exponential and logarithmic functions, the real number system, and complex number system.

► Mathematics of Finance

2 Blocks • Grade 12

Prerequisite: Counselor Permission

Materials: Scientific Calculator Required

This is a course, for seniors only, which students are placed in based on a recommendation from their counselor. This course fulfills the 3rd math requirement for graduation with a general diploma, but not for graduation with the college prep/work ready diploma as set by the state. This course is meant to help students make the connection between the math that is taught in traditional math courses and the real life math required to function as an adult in our society. Topics include personal earning power, financial management, computing federal income tax, the financial aspects of making major purchases, and developing a personal budget.

College Math Ready

2 blocks • Grade 11,12

Prerequisite: Algebra II , ACT 13-18 on math subset

Materials: Scientific Calculator & Graph Paper Required (Graphing Calculator recommended)

College Math Ready is designed to support students who intend to go to college, have completed Algebra I, Geometry, and Algebra II, but do not have an adequate ACT Math subject score to avoid college remediation. This course emphasizes understanding math concepts rather than memorizing procedures. Math Ready students learn the content behind procedures and understand why certain methods are used to solve specific problems. The course qualifies as an elective credit toward graduation.

Algebra III

2 Blocks • Grades 10, 11, 12

Prerequisite: Algebra II or Pre-AP Algebra II

Materials: Scientific Calculator & Graph Paper Required (Graphing Calculator Recommended)

Algebra 3 will prepare students for a first-year collegiate level math class. It is strongly recommended for students who plan to attend college and want to avoid remediation. This course goes beyond the Oklahoma Academic Standards and includes a more in depth study of algebraic concepts and their application. Critical thinking skills and higher-order thinking are emphasized in this course. This class does not fulfill the requirements to take Pre-Calculus.

Honors Algebra III

2 Blocks • Grades 10, 11, 12

Prerequisite : Algebra II or Pre-AP Algebra II

Materials: Scientific calculator and graph paper are required (graphing calculator recommended).

Honors Algebra III is mandatory to advance in math coursework at Choctaw High School. This course will be taught using advanced strategies and will include a fast-paced version of the Algebra III course, as well as several topics in Trigonometry. Trigonometry topics included in this course will be right triangle trigonometry, basic graphing, basic identities, unit circle, radian angle measure, as well as the Law of Sines and Law of Cosines.

Students can receive dual credit for their junior math course if they complete College Algebra (MATH 1513) at Rose State College during the fall semester. This allows juniors to take advantage of three (3) of the nine (9) hours of concurrent enrollment tuition paid for by the state of Oklahoma during a student's junior year. Books and miscellaneous fees are the student's responsibility. Interested students are encouraged to use the Eastern Oklahoma County Technology Center distance-learning lab. Buses run to the technology center in the morning and afternoon so students would not need transportation. Students MUST score at least a 19 in the math subset of the ACT or PreACT and have completed Algebra I, Geometry,

Algebra 2, and Algebra 3 or Honors Alg 3 to utilize this dual credit option. Students can take College Algebra during the spring of their junior year or during their senior year for college credit, however, it will not replace any required high school courses.

Pre-Calculus

2 Blocks • Grades 10, 11, 12

Prerequisite: Pre-AP Algebra III

Materials: Graphing Calculator Recommended

Pre-calculus will complete the mathematical background necessary to prepare for an Advanced Placement Calculus course or a college calculus course. This course emphasizes real-world problem solving and technology integration. Students will explore advanced topics including functions, limits and derivatives from algebraic, graphical, and numerical perspectives and will complete the trigonometry needed for AP Calculus. Trigonometry topics include complex trig graphing, inverse functions, identities, solving trig equations, vectors, and polar coordinates/graphing.

AP Calculus AB

2 Blocks • Grades 11, 12

Prerequisite: Pre-Calculus & Instructor Permission

Required Materials: Graphing Calculator

This course is the equivalent of the first college calculus course and an Advanced Placement Test is made available for college credit. This credit is accepted at most colleges and universities. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. Technology is taught and used regularly to implement experimentation and to assist in interpreting results. This course is intended for students with a thorough knowledge of College Preparatory Mathematics including, Algebra, Geometry, Trigonometry, and Pre-Calculus.

AP Calculus BC

2 Blocks • Grades 11, 12

Prerequisite: AP Calculus AB & Instructor Permission

Required Materials: Graphing Calculator

This course is the equivalent of the first and second college calculus course and an Advanced Placement test is made available for college credit. This credit is accepted at most colleges and universities. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. Technology is taught and used regularly to reinforce the relationships among varying representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. This course is intended for students with a thorough knowledge of College Preparatory Mathematics, including Algebra, Geometry, Trigonometry, and Pre-Calculus.

COMPUTER SCIENCE

Computer Science I

2 Blocks • Grades 9, 10, 11, 12

Computer Supplies: \$15/Semester

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This course teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. This course is designed for beginners with no previous background in computer science.

Computer Science II

2 Blocks • Grades 9, 10, 11, 12

Prerequisite: Computer Science I

Computer Supplies: \$15/Semester

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This course continues with the concepts taught in Computer Science I with a deeper focus on concepts such as how the internet works and the societal impacts of computer science.

SCIENCE

Physical Science

2 Blocks • Grade 9

Prerequisite: None - Required for all freshmen (except students accepted in the Bio-Medical program)

Materials: Scientific Calculator Required

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The physical science program consists of hands-on, inquiry based science. Through introductions into physics, chemistry, and earth sciences, the Oklahoma Academic Standards will be covered. Students are involved in activity based learning. Physical Science is a highly hands-on and laboratory based course. Students find that their learning activities can be directly linked to the practical world. Students find their math skills are advantageous in their inquiry and discovery of Physical Science. 1st Block topics include forces, motion, work, energy, magnetism sound, waves, light and optics. 2nd Block topics cover properties of matter (Chemistry), water, environment, weather/climate, earth processes, and Astronomy.

Honors Physical Science

2 Blocks • Grade 9

Prerequisite: "B" or higher in Algebra I

Materials: Scientific Calculator Required

.....
This course is designed for freshmen on the advanced track in both science and math. Students wanting to challenge themselves should enroll. Topics covered include the metric system, movement, density, types of energy,

heat, states of matter, atomic theory, periodic trends, naming compounds, balancing equations, reaction types and rates, bond types and solution properties. A variety of math skills are used and students should be competent in this subject.

Honors Biology I

2 Blocks • Grade 9, 10

Prerequisite: Only for Freshmen or Sophomores approved for Biomedical Program.

.....
This course is designed to meet the beginning criteria for the science requirements for graduation. Students should understand the characteristics and organization of living things and develop critical thinking skills by evaluating data using the scientific method. Biology curriculum includes the following areas of study: the cell, the molecular basis of heredity, interdependence of organisms, matter, energy, and microbiological responses of organisms.

Honor Biology I satisfies the requirement of Biology I for graduation.

Biology I

2 Blocks • Grade 10

.....
This course is designed to meet the beginning criteria for the science requirements for graduation. Students will understand the characteristics and organization of living things and develop critical thinking skills by evaluating data using the scientific method. Biology curriculum will include the following areas of study: the cell, the molecular basics of heredity, interdependence of organisms, matter, energy, and microbiological responses of organisms. Biology I is a requirement for graduation.

Biology II

2 Blocks • Grades 10, 11, 12

Prerequisite: Biology I

.....
The curriculum is a continuation of the Biological Sciences concepts focusing upon macro-biology. Students must be active learners and are expected to observe, inquire, question, formulate, and test hypotheses, analyze data, report, and evaluate findings. Students participate in hands-on active experiences throughout the instruction of the course's curriculum. Concepts covered include, but are not limited to: animal and plant taxonomy, plant structure and adaptations, animal characteristics and adaptations, cnidarians, mollusks, annelids, arthropods, echinoderms, fish, birds, mammals and human body systems. This course is also set up to provide additional education in "Science Reasoning", as tested on the ACT/SAT College entrance exams. Work outside of class is the norm and self-motivation is a requirement. **During this course, there is a requirement of participation in lab dissections and practicums.**

Zoology

2 Blocks • Grades 11, 12

Prerequisite: Biology I

.....
This course is a detailed study of the kingdom Animalia. Animals are studied according to their taxonomic classification, phylogeny and patterns of organization.

Participation in lab dissections and practicums required.

Botany

2 Blocks • Grades 10, 11, 12

Prerequisite: Biology I

.....
An in depth study into the plant kingdom. Plantae, plant classification, anatomy, physiology and reproduction are studied, as well as biomes, algae, fungus and other relevant topics.

Environmental Science

2 Blocks • Grades 10, 11, 12

Prerequisite: Biology I

.....
This course is a detailed study of the environment that we live in. This hands-on class will focus on key concepts and methodologies needed to understand the interrelationships of the natural world. Topics to be examined and discussed include 5 spheres of the world, weather, climate, air pollution, water pollution, the flow of energy through the environment, human impact, illnesses and toxins, natural disasters, and environmental issues.

AP Biology

4 blocks • Grades 10, 11, 12

Prerequisite: Teacher Approval.

.....
The main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The primary emphasis in the course is developing and understanding of concepts, rather than on memorizing terms and technical details. Main topics covered are the characteristics of life, biological chemistry, types of energy, cell structure and function, cellular respiration and photosynthesis, cell reproduction, DNA and RNA, basic heredity, classification, plant and animal adaptations, molecules and cells, heredity and evolution, organisms, and population. At the end of the course, students are expected to take the AP Biology exam (although not mandatory). Study of this course better prepares students to enter college level Biology classes.

General Physics I

2 Blocks • Grades 10, 11, 12

Prerequisite: None

.....
This is a hands-on physics course. The concepts of physics are emphasized and labs are frequent. The mathematics and calculations are minimized. Topics include acceleration, projectile motion, work, simple machines, and heat.

General Physics II

2 Blocks • Grades 11, 12

Prerequisite: General Physics I

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This course is a continuation of General Physics I. Experiments and concepts are the focus and calculations are minimized. Topics include sound, light, lenses, electricity, and magnetism.

Chemistry I

2 Blocks • Grades 10, 11, 12

Prerequisite: Completed Algebra II with a "C" or higher.

Materials: Scientific Calculator TI 30XA Required

.....
This is a **math based class and certain math skills are required** for the student to be able to perform chemistry. The ability to apply math skills learned in prior math classes is a must. This class is designed to be the beginning laboratory course studying the interaction of matter. The course covers such topics as the arrangement of the periodic table, scientific measurements, problem solving, behavior of gases and gas laws, properties of acids and bases, atomic structure, atomic theories, stoichiometry, and states of matter. Students are expected to recognize and give correct chemical names and formulas and to balance chemical equations. Students are expected to follow all lab safety rules and be able to work with a lab partner to perform various labs.

AP Environmental Science

2 blocks • Grades 10, 11, 12

Prerequisite: Biology I and Teacher approval

.....
This course provides students with the scientific principles, concepts, and methodologies needed to understand the interrelationships of the natural world, to identify and analyze environmental problems that are both natural and human-made, to evaluate the risks associated with problems facing us today and to examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary and covers a wide variety of topics from different areas of study. Main topics include Earth system and resources, ecosystem diversity, human population growth, land and water use, energy resources and consumption, pollution and global changes.

College Prep Chemistry

2 Blocks • Grades 11, 12

Prerequisite: Chemistry I or teacher approval

Materials: Scientific Calculator Required

.....
This class is a benefit to anyone who will be taking college chemistry in the future. It is equivalent to General College Chemistry I.

The College Chemistry course is designed to be the equivalent of the General College Chemistry I class, usually taken during the first year of college. For some students, this class may prepare them to CLEP out of General College Chemistry I and go directly in General College Chemistry II.

Topics include types of chemical reactions and solution stoichiometry, oxidation – reduction, atomic structure and periodicity, properties of liquids and solids, and chemical bonding. **Students are expected to perform a lab independently and record data.**

Human Anatomy/Physiology

2 Blocks • Grades 11, 12

Prerequisite: Teacher Approval & Biology I

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This is a ***rigorous course*** with content including the structure and function of the human body systems. Emphasis is placed on physiology of the integumentary, skeletal, muscular, circulatory, nervous, respiratory, digestive, and reproductive systems. Other topics covered include the chemical basis of life, cells and metabolism, tissues, hormones and the endocrine system, special senses, the urinary system, and the lymphatic system and immunity. There are four major dissections and various other laboratory exercises, as well as writing projects. This class is encouraged for those going to college.

Forensic Science

2 Blocks • Grade 11, 12

Prerequisite: Biology I

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This course will present the scientific principles and laboratory and field methods forensic scientists use to solve problems. Students will take on the various roles of crime scene investigator, scientists and medical examiner in order to collect and evaluate evidence in a problem-solving environment. The use of basic geometry and algebra concepts will be applied to scientific problem solving techniques used in the field of forensic science. Topics include DNA technology and its uses, toxicology, anthropology, entomology, evidence law, criminalistics and career opportunities.

Principles of Biomedical Science (PBS)

2 Blocks • Grades 9, 10 (Spring Semester)

Prerequisite: Honors Biology I (Application required)

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In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

Human Body Systems (HBS)

2 Blocks • Grades 10, 11

Prerequisite: Successful completion of Principles of Biomedical Science (At least a C average) with teacher approval.

.....
Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

Medical Interventions (MI)

2 Blocks • Grades 11, 12

Prerequisite: Successful completion of Principles of Biomedical Science, Human Body Systems (At least a C average) with teacher approval

.....
Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

▶ Biomedical Innovation (BI)

2 Blocks • Grade 12

Prerequisite: Successful completion of Principles of Biomedical Science, Human Body Systems, and Medical Interventions (at least a C average) courses with teacher approval

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They also complete a capstone project, an independent project designed by the student to investigate some aspect of biomedical science.

SOCIAL STUDIES

▶ Oklahoma History/American Government

2 Blocks • Grade 9

The Oklahoma History section of this course emphasizes the geography, natural resources, exploration, and development of the state and political, economic, social, and cultural heritage of Oklahoma, from the earliest times to the present. The multi-cultural heritage of Oklahoma is explored through the study of Native Americans, major ethnic groups, and women and their contributions. The course underscores the interrelationships of world and American history, geography, government, and economics to Oklahoma's history and development. The American Government section of this course examines the role of government in today's society. The course looks at systems of governments around the world and compare and contrast these types. Also, in the semester course, students focus on the US Constitution, the three branches of government and the 27 amendments, including the Bill of Rights and how they influence our lives today.

▶ American History, Government & Geography I

2 Blocks • Grade 11

This integrated course provides a comprehensive survey of United States history from 1877-1940. Attention is given to how other nations influence, and are influenced by, the United States. A major focus is the development and structure of American government and an overview of United States geography. Activities include lecture, discussion, research, and media presentations.

▶ American History, Government & Geography II

2 Blocks • Grade 11

This integrated course provides a comprehensive survey of United States history from 1940 to the present. Attention is given to how other nations influence, and are influenced by, the United States. Principles of United States geography and the structure of United States government are integrated into the course. Major activities are lecture, discussion, research and media presentations. Students can receive dual credit for American History I and II if they complete both US history to 1877 (HIST 1483) and US History from 1877 (HIST 1493) at Rose State College. This allows juniors to take advantage of six (6) of the nine (9) hours of concurrent enrollment tuition paid by the state of Oklahoma during a student's junior year. Books and miscellaneous fees are student's responsibility. Interested students are encouraged to use the Eastern Oklahoma County Technology Center distance learning lab. Buses run to the technology center in the morning and afternoon so students would not need transportation. Students **MUST** score at least a 19 in the reading subset of the ACT or PreACT to utilize this dual credit option.

▶ AP American History, Government & Geography

4 Blocks • Grade 11

Prerequisite: Department Approval (This course replaces American History I & II)

This Advanced Placement course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States History. Principles of United States government and geography are integrated into the course of study. The course is intended for qualified students who wish to complete studies in high school equivalent to an introductory college course in this field. Upon completion of the course, students have the opportunity to obtain college credit or advanced placement through the Advanced Placement Examination.

Students can receive dual credit for American History I and II if they complete both US History to 1877 (HIST 1483) and US History from 1877 (HIST 1493) at Rose State College. This allows juniors to take advantage of six (6) of the nine (9) hours of concurrent enrollment tuition paid for by the state of Oklahoma during a student's junior year. Books and miscellaneous fees are the student's responsibility. Interested students are encouraged to use the Eastern Oklahoma County Technology Center distance learning lab. Buses run to the technology center in the morning and afternoon so students would not need transportation. Students **MUST score at least a 19 in the reading subset of the ACT or PreACT to utilize this dual credit option.**

► **World History, Government & Geography**

2 Blocks • Grade 10

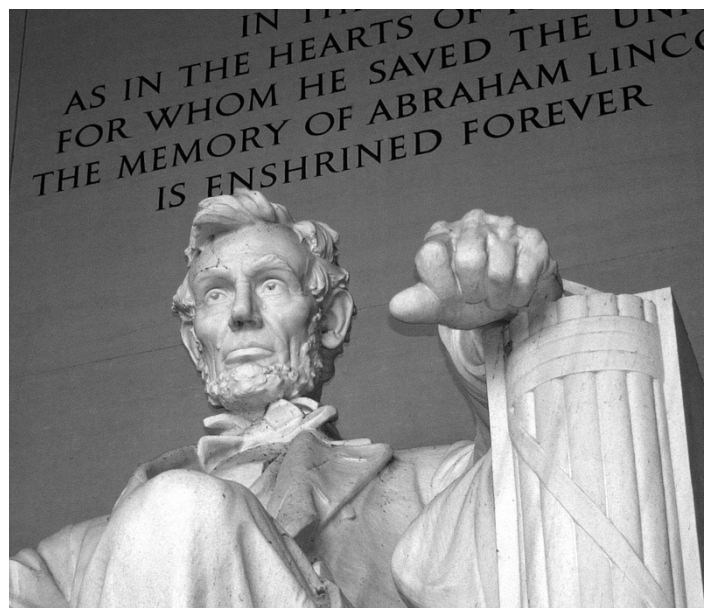
World History deals with man's solutions to social, economic, and political problems in all periods of history, showing the connection between the past and present world. Included in this course is a study of the civilizations of the ancient and medieval world, the emergence of modern nations, the age of discovery, the development of industrial societies, twentieth century changes, and post-World War II conflicts.

► **AP World History**

2 Blocks • Grade 10, 11, 12

Prerequisite: Department Approval

This AP course is designed to provide students with the skills and information needed to analyze the experiences of cultures and individuals across time and geographic space. The students will develop a greater understanding of global processes and how events shape the world as a whole. Students will learn how to: craft historical arguments from primary documents by writing essays, read for analysis and write interpretations of the political, social and economic patterns that develop in each period of World History. Students will compare cultures across place and time and analyze local events, placing them in proper historical context, analyze historical interpretations made over time and synthesize these and other interpretations into coherent written arguments. Analysis of primary documents with emphasis on discovering Point of View will be a major focus of student skill development. Upon the completion of the course, students are given the opportunity to obtain college credit by Advanced Placement Examination.



► **Psychology I & II**

2 Blocks • Grades 12

Prerequisite: None

Psychology is a social science course that examines the history of the science, the methods of study used in the functions of the brain, sensations, perceptions, and learning. The contributions of psychologists to the field of psychology are studied, including, but not limited to, Freud, Maslow, Bandura, Erickson, and Piaget.

► **Civil War/Old West**

2 Blocks • Grade 12

Prerequisite: None

This course provides an in-depth study of events surrounding the Civil War period of American history, including the secession of the southern states, the military operations of the war, and the events of the reconstruction era. Emphasis is placed on the opinions and recollections of the war's participants. Appropriate readings and videos will supplement the course. The Old West section of this course focuses on the settlement of the American West in the period following the Civil War. Students study the culture and conquest of the plains tribes, the gunfighters, and cattle kings of the Old West, and the conversion of the frontier through ranching and homesteading. Appropriate reading materials and videos will supplement the course.

► **World War I & World War II**

2 Blocks • Grade 12

Prerequisite: None

This course provides a survey of the period prior to and including the First World War. Some attention is given to various political beliefs of that time. Emphasis is placed on how technology changed the role of populations in total war. The World War II portion of this course includes the rise and fall of Germany and Japan. The end of World War I and factors leading to World War II are discussed, as well as the cause of the various regimes which participated in the war. Classes consist of intensive lecture and films.



EDGE Virtual Academy

Educating the Digital Generation with Excellence

Debbie Worley - EDGE Director: dworley@cnpsschools.org
Jennifer Wright - Assistant EDGE: Director jwright@cnpsschools.org

The EDGE Virtual Academy offers free online courses for students enrolled in CNP Schools. Students may choose a fully-virtual learning program or may choose a hybrid-learning program that will combine virtual learning and extracurricular activities. The hybrid-learning option allows students to enroll in virtual classes and attend certain traditional classes on campus. Students participating in OSSAA activities must attend at least one course per day on campus. CHS EDGE students will enroll in courses through the CHS counseling office and will receive additional educational support services from CHS. All courses are supported by highly qualified teachers who are certified in their subject area. Courses within the EDGE program support a college readiness program and are offered for first-time credit only. Students who fail a course will need to work with their counselor to identify credit recovery options. For additional information about the EDGE program, please visit <https://www.cnpsschools.org/parental-information/edge-virtual-academy/>

Frequently Asked Questions

1. Is there a cost to participate?

Students are responsible for providing their own technology device with a Chrome internet browser and access to the internet. If students want to bring their own device to a school site for testing, etc, they will need a \$26 Google management license added to their device.

2. Can I switch back to brick and mortar school if I don't like EDGE?

High school students will make a block-long commitment to the virtual academy within five days of the start of school.

3. How flexible will my weekly schedule be?

Teachers will release coursework a week at a time. If you have a circumstance that might require unlocking more than one week at a time, you can discuss this with your teacher.

4. What challenges should I consider before deciding to enroll?

Students must make a greater effort to stay organized, create a schedule, manage their time and work toward staying on pace to complete their coursework. Students will need to be resourceful and ask for help when needed.

5. What if I am on an IEP or a 504?

Families of students with disabilities on a Section 504 Accommodation Plan or on an Individualized Education Program (IEP) will want to meet with their team to determine the least restrictive environment and the best placement for their student.

9th-12th Courses

EDGE Coursework	
<p>ELA: English I English II English III English IV</p> <p>Math: Intro to Algebra I/Alg I Geometry Intro to Algebra II/Alg II Algebra III Precalculus</p> <p>Science: Physical Science Biology I w/virtual labs Chemistry Forensic Science</p> <p>Social Studies: OK History & Gov American History I & II World History Strategies for Success</p> <p>Electives Computer Applications 1 Computer Applications 2 Public Speaking PE/Health Spanish I Spanish II Psychology Child Development & Parenting Nutrition & Wellness Math of Finance Mythology ACT English/Reading ACT Math/Science Personal Financial Literacy</p>	<p>The following electives are ONLY offered online to EDGE students and are subject to change based on availability and enrollment.</p> <p>African American Studies Criminology Culinary Arts Gothic Literature Holocaust Studies Medical Terminology Music Appreciation Native American Studies World Geography</p>

Hybrid In-Person Coursework Only

ELA:

Honors English I
Honors English II
AP English III
AP English IV
Writing for Communication
College Literacy Ready

Math:

Honors Algebra I
Honors Geometry
College Math Ready
Honors Algebra III
AP Calculus AB/BC
Computer Science I

Biomedical Program:

Honors Biology I
Principles of Biomedical Science
Human Body Systems
Medical Interventions
Biomedical Innovations

Science:

Human Anatomy/Physiology
College Prep Chemistry
Zoology
Botany
Physics
Environmental Science

Social Studies:

World War I/II

Career Tech:

Intro to Agriscience
Intro to Ag Power & Tech I
Ag Power & Tech II
Ag Power & Tech III
FACS Basics
Human Growth and Development

Fine Arts:

Color Guard
Winter Guard
Band
Freshman Mixed Choir
Mixed Choir
Advanced Competitive Mixed Choir
Competitive Debate
Drama 9
Drama
Competitive Drama
Competitive Stagecraft
Creative Media
TV Production I & II
Broadcasting/Webcasting

World Languages:

Spanish III
Spanish IV
AP Spanish

Allied Arts:

Competitive Sports
Aerospace Science I-IV

Business

Digital Technology

EOC Courses

The following courses are offered to EDGE students per availability:

CHS Leadership
Weight Training
Yoga
College Readiness
Contemporary Literature/Reading
Students Assisting Students

Applied Music
Art
Advanced Art
Clay Art I/II
Teacher Cadet
Yearbook

EDGE Only Courses:

African American Studies

This course traces the experiences of Africans in the Americas from 1500 to the present day. In this course, students will explore history, politics, and culture. Although the course proceeds in chronological order, lessons are also grouped by themes and trends in African American history. Therefore, some time periods and important people are featured in more than one lesson.

Criminology

Crime and deviant behavior rank at or near the top of many people's concerns. This course looks at possible explanations for crime from the standpoint of psychological, biological, and sociological perspectives, explores the categories and social consequences of crime, and investigates how the criminal justice system handles not only criminals but also their crimes. Why do some individuals commit crimes and others do not? What aspects of our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors shape the criminal case process?

Culinary Arts

Food is fundamental to life. Not only does it feed our bodies, but it's often the centerpiece for family gatherings and social functions with friends. In this course, you will learn all about food including food culture, food history, food safety, and current food trends. You'll also learn about the foodservice industry and try your hand at preparing some culinary delights. Through hands-on activities and in-depth study of the culinary arts field, this course will help you hone your cooking skills and give you the opportunity to explore careers in this exciting industry.

Gothic Literature

This course analyzes the conventions, elements, themes, and other characteristics of Gothic literature. This course covers subject areas such as morality and spirituality in gothic poetry, Dr. Jekyll and Mr. Hyde, dual personalities, Edgar Allan Poe, Dracula, gothic conventions across time, and many more.

History of the Holocaust

Holocaust education requires a comprehensive study of not only times, dates, and places, but also the motivation and ideology that allowed these events. In this course, students will study the history of anti-Semitism; the rise of the Nazi party; and the Holocaust, from its beginnings through liberation and the aftermath of the tragedy. The study of the Holocaust is a multi-disciplinary one, integrating world history, geography, American history, and civics. Through this in-depth study, high school students will gain an understanding of the ramifications of prejudice and indifference, the potential for government-supported terror, and they will get glimpses of kindness and humanity in the worst of times.

Medical Terminology

Students will be introduced to basic medical language and terminology that they would need to enter a health care field. Emphasis will be placed on definitions, proper usage, spelling, and pronunciation. They will study word structure and parts, including roots, prefixes, and suffixes, as well as symbols and abbreviations. They will examine medical terms from each of the body's main systems, including skeletal, muscular, cardiovascular, respiratory, digestive, urinary, nervous, endocrine, reproductive, and lymphatic systems, and sensory organs. In addition, students will learn proper terminology from common tests, procedures, pharmacology, disease, and conditions.

Music Appreciation

Music is part of everyday life and reflects the spirit of our human condition. To know and understand music, we distinguish and identify cultures on local and global levels. This course provides students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the 21st Century. Students acquire basic knowledge and listening skills, making their future music experiences more informed and enriching.

Native American Studies

This course will be divided into two sections: Historical Perspectives and Contemporary Perspectives.

By providing historical perspectives, this course provides a comprehensive understanding of the roots of Native American culture. The topics addressed include an exploration of Native American history in the arctic and subarctic, various regions of the U.S., and the development of Native American life.

By providing contemporary perspectives, this course explores Native American worldviews, art, media perspectives on Native Americans, and contemporary perspectives and organizations. It concludes by providing a global perspective by examining issues faced by indigenous people throughout the world.

World Geography

In an increasingly interconnected world, equipping students to develop a better understanding of our global neighbors is critical to ensuring that they are college and career ready. This course will empower students to increase their knowledge of the world in which they live and how its diverse geographies shape the international community. The course begins with an overview of the physical world and the tools necessary to explore it effectively. Subsequent units survey each continent and its physical characteristics and encourage students to develop a global perspective.



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COURSES 2021 - 22



EASTERN OKLAHOMA COUNTY TECHNOLOGY CENTER
4601 N. CHOCTAW RD., CHOCTAW, OK 73020
WWW.EOCTECH.EDU • (405) 390-9591

About EOC Tech

Mission Statement:

Empowering individuals, employers, and communities to achieve success.

Our Vision

Excellence through education and training.

Our Core Values

Service

We value open communication & are committed to providing quality services and opportunities.

Recognition

We value the accomplishments of students and staff.

Professionalism

We value ethical practices & encourage personal and professional growth.

The 4 R's:



Ready to Learn:

- Follow Instructions
- Ask for Help
- Stay on Task
- Listen
- Work with Others

Responsible:

- Follow Instructions
- Stay on Task
- Ask for Permission
- Manage Time Well
- Accept Consequences

Ready to Work:

- Follow Instructions
- Ask for Help
- Stay on Task
- Share with Others
- Work with Others

Respectful:

- Follow Instructions
- Greet Others
- Listen
- Disagree Appropriately
- Address Authority Appropriately

Accreditations

Eastern Oklahoma County Technology Center (EOC Tech) is accredited by the Oklahoma State Board of Career and Technology Education and the Oklahoma State Department of Education. The curriculum in each career program must meet their criteria. Full-time career programs are also approved by the Oklahoma State Accrediting Agency (SAA).

Current or prospective students wishing to review documents describing the institutions accreditation, approval or licensing should submit a written request to do so to the Director of Educational Services or the Director of Instructional Services. Within ten (10) working days of submission of the request, documentation will be made available for inspection.

Several career programs have also been accredited by their related professional organizations:

Early Care & Education - Nat'l Association for the Education of Young Children (**NAEYC**)

Automotive Service Technology - Automotive Service Excellence (**ASE**)

Construction Trades/Carpentry – American General Contractors (**AGC**)

HVAC – Partnerships for Air Conditioning, Heating, Refrigeration Accreditation (**PAHRA**)

Welding - American Welding Society (**AWS**)

Paramedic - Committee on Accreditation of Allied Health Education Career Programs (**CAAHEP**)

EOC Tech Personnel

EOC Administration

Dr. Terry Underwood, tunderwood@eocgech.edu, x 224

Brent Casey, bcasey@eocotech.edu, x324

Daryl Crusoe, dcrusoe@eocotech.edu, x242

Chris Helling, chelling@eocotech.edu, x247

Millisa Ellefson, mellefson@eocotech.edu, x240

Emily Gideon, egideon@eocotech.edu, x304

Jay McCaskill, jmccaskill@eocotech.edu, x321

Justin Smedley, jsmedley@eocotech.edu, x243

Superintendent

Assistant Superintendent

Business Manager

Director of Instructional Services

Director of Community Outreach & Communications

Director of Educational Services

Director of Operations

Director of Business and Industry Services

EOC Board of Education

Larry Stephens President

Rodney Albee Vice-President

Gary Howard Clerk

Dennis Delano Member

Greg Henry Member

Class Schedules

Full-time career programs meet Monday - Friday.

Secondary students may attend in the morning or afternoon session. Adults may attend the morning or afternoon session as a half-time student (no less than 12 clock hours per week); or adults may choose to attend both sessions as a full-time student (no less than 24 clock hours per week).

Adult students may also attend on a special schedule (e.g., MWF all day), with pre-approval from a Student Services Advisor.

Pell Grant students must attend at least 24 clock hours per week to be considered as full-time, or attend at least 12 clock hours per week to be considered as half-time. For VA purposes, full-time status requires at least 22 clock hours per week, and half-time status requires at least 11 clock hours per week (Sun-Sat).

Admissions and Enrollment

Contact your High School Counselor about enrollment at EOC Tech. Juniors and seniors at Choctaw, Harrah, Jones or Luther schools may enroll during regular high school enrollment periods and receive credit toward their high school enrollment periods and receive credit toward their

high school diploma. Students may choose from AM or PM class periods. There is no tuition charge for high school students. The procedure is as follows:

1. Talk to counselor at your high school.
2. Complete EOC Tech pre-enrollment form with either your High School Counselor or EOC Tech Student Services Advisor.
3. Watch for postcard sent out in Spring announcing the "Summer Up" schedule for May-June.
4. Attend "Summer Up" in May-June to complete paperwork and finalize enrollment.
5. Students are not enrolled at EOC Tech until enrollment is finalized at "Summer Up".
6. Career programs fill up quickly. Missing "Summer Up" may jeopardize being able to enroll in the career program of choice indicated on the pre-enrollment form.

Service Assistant - Entry Level

Program Description

The Service Careers program provides students with technical training and experience in a variety of service occupations in the hospitality industry, including custodial positions, building maintenance, and culinary careers.

In addition to learning a job skill, students are taught personal life skills and employability skills such as job readiness and independent living.

Student Organizations

Skills USA

Residential/Comm. Electrician's Assistant

Program Description

Students receive instruction and guided practice to develop the necessary skills for entry-level employment in the Electrical Trades Industry. These skills include the identification, usage, and care of equipment as well as tools and meters associated with the electrical field. Students work with planning, layout, and installation of electrical circuits that conform to local and national code requirements, for both residential and commercial

installations. Other areas of focus include: proper safety techniques, advanced electrical theory, and the National Electric Code. Successful completion of this program prepares students for an interesting and challenging career in the field of Electrical Trades. Students also receive up to one thousand and fifty (1,050) hours toward the required eight thousand (8,000) hours for application to take the Journeyman Electrician Examination.

Student Organizations

Skills USA

Certifications Available

OSHA 10

CareerTech Competency

-Please see Instructor for more information.

Residential HVAC Technician

Program Description

This career major is an introduction to air conditioning and refrigeration, exploring career opportunities in the HVAC/R industry, personal safety and work practices, and personal protective equipment. Students will be

instructed on the proper handling of pressurized fluids, handling hazardous substances, hand and power tools, and equipment used to test and service air conditioning.

Student Organizations

Skills USA

Certifications Available

NATE ICE-PAHRA

Green Certification

608 Certification

TracPipe Certification

410 Certification

Nate Test Certification

PM Tech Certification

WorkKeys

- Please see Instructor for more information.

Graphic Arts Specialist

Program Description

This program is designed for creative students interested in an exciting career in graphic design, screen printing, commercial/personal car wrapping, or large format vinyl graphics. The program teaches the necessary steps of conceptualizing artwork to how it is applied in the industry. Students receive hands-on training with

modern, industry-standard equipment and the latest software available. Students will master communication and job skills and will also have the opportunity to receive Adobe's ACA Certification in Photoshop, Illustrator, and InDesign.

Student Organizations

Skills USA

**Please see Instructor for more information.*

Certifications Available

Adobe Certified Associate Certifications:

Photoshop
Illustrator

InDesign

Digital Photography Specialist

Program Description

This is a two-year program designed for students interested in digital photography and image editing. Students will gain advanced digital photography skills, learn to edit digital images, and create promotional projects. Students receive hands-on training with modern,

industry-standard equipment and software. Students will master communication and job skills. Industry-recognized certifications and college credit are obtainable through this course.

Student Organizations

Skills USA

**Please see Instructor for more information.*

Adobe Certified Associate Certifications:

Photoshop

-Please see Instructor for more information.

**Oklahoma's Promise approved course for Computer Science/Computer Technology unit.*

Digital Cinema Specialist

Program Description

This is a two-year program designed for students interested in video production, television, and/or broadcasting. Students will cover all aspects of filmmaking, from concept to screen. Students will have the opportunity to work with industry professionals on live

film and television sets to build their resumes. Students receive hands-on training with modern, industry-standard equipment and software and will master communication and job skills. Industry-recognized certifications and college credit are obtainable through this course.

Student Organizations

Skills USA

**Please see Instructor for more information.*

Certifications Available

Adobe Certified Associate Certifications:

Premiere (Video Editing)

-Please see Instructor for more information.

**Oklahoma's Promise approved course for Computer Science/Computer Technology unit.*

Web Development

◀ Program Description

Students have the opportunity to work with many tools and software that equip them to be successful Web Designers. Students gain fundamental skills in XHTML,

CSS, PHP, and JavaScript, and will have the opportunity to work in various applications including Photoshop and Dreamweaver.

Student Organizations

Skills USA

**Please see Instructor for more information.*

Certifications Available

Adobe Certified Associate Certifications:

Photoshop

Dreamweaver

-Please see Instructor for more information.

*Oklahoma's Promise approved course for Computer Science/Computer Technology unit.

3D Design

Program Description

◀ The 3D Design program will give students an opportunity to work with the latest software technologies such as Maya, Inventor, Substance Painter, and Unity. Students will learn to produce high-quality movie, game, and

architectural models. Skills gained will apply to a wide variety of industries including animation, construction, engineering, and/or game design.

Student Organizations

Skills USA

**Please see Instructor for more information.*

Certifications Available

Autodesk Certifications:

AutoCAD

Revit

Inventor

Maya

*Oklahoma's Promise approved course for Computer Science/Computer Technology unit.

Administrative Assistant

Program Description

This program provides students with the knowledge and skills necessary for success in modern business environments. Instruction includes professional work skills, communication and research skills, developing and maintaining a customer service attitude, and processing customer requests. Other areas of instruction include using technology to enhance effective communication.

Students gain skills for employment in business including:

- **Business Ethics**
- **Quality Improvement Tools**
- **Problem-Solving**
- **Customer Satisfaction**

Curriculum also includes management, recruiting, and training administrative and information support personnel.

Student Organizations

Business Professionals of America (BPA)

**Please see Instructor for more information.*

Certifications Available

Oklahoma Department of Career Tech Ed Certification:

Business and Computer Technology, Fundamentals of Technology, Administrative Professional

National Certification Tests:

Internet and Computer Core Certification (IC3)

Microsoft Office Specialist (MOS)

Adobe Certified Associate: Photoshop or InDesign Quick Books

**Oklahoma's Promise approved course for Computer Science/Computer Technology unit.*

Finance

Full Charge Bookkeeper

Program Description

This career major prepares students to solve accounting problems using computerized software and electronic spreadsheets. Students learn basic office skills as well as beginning, advanced, computerized and payroll accounting principles. Students develop an in-depth understanding of accounting concepts, theories and procedures as well as their effects on financial reports and analysis of business. Students produce and analyze financial statements.

Student Organizations

Business Professionals of America (BPA)

**Please see Instructor for more information.*

Certifications Available

Oklahoma Department of Career Tech Ed Certification:

Business and Computer Technology, Fundamentals of Technology, Accounts Payable Clerk, Accounts Receivable Clerk, Payroll Accounting Clerk, Full Charge Bookkeeper

National Certification Tests:

Internet and Computer Core Certification (IC3)

Microsoft Office Specialist (MOS)

QuickBooks

Certified Public Bookkeeper (CPB)

-Please see Instructor for more information.

**Oklahoma's Promise approved course for Computer Science/Computer Technology unit.*

CNA I (LTC)

Program Description

This career major is ideal for the high school student interested in a career in nursing. The occupational outcome is a long term care Certified Nurse Aide that is qualified to work in long term care facilities. This Career Major also allows the student the opportunity to gain

Student Organizations

HOSA - Health Occupation Students of America

**Please see Instructor for more information.*

advanced standing credit in a licensed practical nurse program. Embedded within this course is Basic Life Support (BLS) Healthcare Provider CPR training and credentialing. All students will complete CPR training.

Certifications Available

Autodesk Certifications:

Long Term Care/Certified Nurse Aid
Home Health Deeming
National Health Science Assessment
Basic Life Support (BLS) Healthcare Provider CPR
-Please see Instructor for more information.

Human Services

Early Care & Ed. Teacher Assistant

Program Description

This career major is a foundation for advanced-level early care and education coursework. It is aligned with the Oklahoma CareerTech duty/task lists for early care and education occupations. Incorporating state licensing regulations and national standards, students will meet

Student Organizations

Family Career and Community Leaders of America (FCCLA)

the Teacher Assistant requirements. Embedded within this course is Basic Life Support (BLS) Healthcare Provider CPR training and credentialing. All students will complete CPR training.

Certifications Available

Entry Level Child Care Training (ELCCT)
Assistant Teacher
Basic Life Support (BLS) Healthcare Provider CPR
-Please see Instructor for more information.

Early Care & Ed. Master Teacher

Program Description

This career major prepares students to be licensed teachers in the early care and education facilities responsible for general supervision, development, and education of children. In addition to learning how to attend to children's basic needs, students learn to organize activities that stimulate a child's physical, emotional, intellectual, social and creative growth. Instruction occurs in the classroom and laboratory as

Student Organizations

Family Career and Community Leaders of America (FCCLA)

well as supervised practicum experience. Successful completion of Master Teacher curriculum with three months full-time experience meets the Licensing and Stars criteria of Oklahoma for Master Teacher. Embedded within this course is Basic Life Support (BLS) Healthcare Provider CPR training and credentialing. All students will complete CPR training.

Certifications Available

Entry Level Child Care Training (ELCCT)
Assistant Teacher | Master Teacher
Associate Teacher (College Credit)
Basic Life Support (BLS) Healthcare Provider CPR

Network PC Support Specialist/Cyber Security

◀ Program Description

This major prepares students to repair, service and troubleshoot personal computers and computer-related equipment and to install and configure operating systems and application software. Students also learn to install, configure and support an organization's local area network (LAN). Students in this major gain the technical skills required for CompTIA A+ and Network+ industry certifications. Students are eligible for Rose State College Credit through this career major.

Student Organizations

Skills USA

Cyber Patriot

**Please see Instructor for more information.*

Certifications Available

Oklahoma Department of Career Tech Ed Certification:

Computer Repair Technician

CompTIA Certifications:

A+, Network+, Security+, Server+, Linux+

Microsoft Certifications:

Windows Operating System Fundamentals, Windows Server Administrator Fundamentals, Networking

Fundamentals, Security Fundamentals, Windows 7 Configuring, Windows 7 Enterprise, Desktop Support Technician, Configuring Windows 8.1, Installing and Configuring Windows Server 2012, Administering Windows Server 2012, Configuring Advanced Windows Server 2012 Services

*Oklahoma's Promise approved course for Computer Science/Computer Technology unit.

Structural Welder

Program Description

This career major introduces students to common welding and cutting processes used in the metal fabrication of structural steel. Students are introduced to Shielded Metal Arc Welding (SMAW), Gas Metal Arc Welding (GMAW), Flux-Cored Arc Welding (FCAW), Gas Tungsten Arc Welding (GTAW), Oxy-Fuel Cutting (OFC), Plasma Arc Cutting (PAC), Air Carbon Arc Cutting, metal preparation and heat treating. Students are also

introduced to blue print reading and construction of items according to specifications.

Student Organizations

Skills USA

Certifications Available

AWS Welding Certification
Oklahoma Department of Labor Welding Certification
WorkKeys

Forklift Certification
OSHA 10 Hour Course

-Please see Instructor for more information.

Law, Public Safety, Corrections & Security

Basic Firefighter

Program Description

This career major is designed as a one-year program for high school seniors only. Students will be introduced to general knowledge required by NFPA preparing them for industry certifications from IFSAC (International Fire Service Accreditation Congress)/Pro Board (National Board On Fire Service Professional Qualifications). Students will learn to apply hands-on skills for structural fires, as well as participate in live fire burns. Embedded within this course is Basic Life Support (BLS) Healthcare Provider CPR training and credentialing. All students will complete CPR training.

Certifications Available

Basic Life Support (BLS) Healthcare Provider CPR
National Incident Management System (NIMS) Hazardous Materials Awareness
Hazardous Materials Operations
Auto Extrication
IFSAC FF1
Pro Board
Traffic Incident Management System (TIMS)

-Please see Instructor for more information.

Student Organizations

Skills USA

Automotive Collision Technician

N.A.T.E.F. Compliant

Program Description

According to the most recent NATEF Automotive Collision Technician standards, students in this major will learn how to complete non-structural collision repair and automotive refinishing. The courses that will be covered include non-structural damage analysis and minor dent repair, plastics repair and all aspects painting and refinishing. Students will also learn how to use various tools in repairing damage and to remove and install handles, moldings, trim, and bolted body parts. In addition, the student will learn to MIG weld to industry standard following I-CAR standards. This career major also includes painting preparation, sanding processes,

color matching and adjusting color, removing and installing glass, and the process of written estimates. Students will learn about handling, storage and disposal of hazardous materials and selecting proper personal protective equipment and maintenance.

Certifications Available

- I-Car Pro Level I Non-Structural Technician
- I-Car Pro Level I Refinish Technician
- I-Car Pro Platinum Individual

Student Organizations:

Skills USA

Automotive Service Technician

N.A.T.E.F. Compliant

Program Description

According to the most recent NATEF Automotive Service Technician standards, students in this major will cover the skills necessary to become an entry-level technician. Students will concentrate on courses in introduction, brakes, steering & suspension, electrical/electronics, engine performance, heating and air conditioning, engine repair, automatic transmission, and manual drivetrain & axles. Students will learn how to diagnose and complete brake service, perform vehicle steering & suspension alignment, as well as electronic theory, and electrical/electronic diagnostics. Students will cover engine performance diagnostics and techniques for repair using

a variety of diagnostic equipment. This career major includes automotive heating and air conditioning. The student will learn how to evacuate and recharge air conditioning systems using the proper refrigerant, as well as diagnostics of the heat and air conditioning systems. This career major is intended to provide courses closely aligned with NATEF hours and tasks. ASE certification is recommended and industry-recognized.

Student Organizations:

Skills USA

Certifications Available

ASE Student Certifications:

- Engine Repair
- Automatic Transmissions
- Manual Transmission/Transaxles
- Suspension and Steering
- Brakes

- Electrical/Electronic Systems
- Heating and Air Conditioning
- Engine Performance
- General Service Technician
- WorkKeys

**Please see Instructor for more information.*

Biomedical Science

◀ Program Description

Whether discovering new cancer treatments or teaching healthy lifestyle choices to their communities, today's biomedical science professionals are tackling big challenges to make the world a better place. PLTW Biomedical Science students are taking on these same real-world challenges – and they're doing it before they

even graduate from high school. Working with the same tools used by professionals in hospitals and labs, students engage in compelling, hands-on activities and work together to find solutions to problems. Students take from the courses in-demand knowledge and skills which can be utilized in a multitude of career paths.

Student Organizations

HOSA

Pre-Engineering

◀ Program Description

This is a two-year academy that will emphasize academics and engineering principles. It will provide students with a strong foundation to excel in a post-secondary engineering pathway.

Student Organizations

Skills USA

*Oklahoma's Promise approved course for Computer Science/Computer Technology unit.

Students will earn Math, Science, and elective credits through this two-year program. Course options include:

Mathematics

Pre-Calculus/ Algebra III

Calculus

AP Calculus AB

Science

Honors Physics

AP Physics - C Mechanics

Project Lead the Way Engineering Courses

Intro to Engineering Design

Principles of Engineering

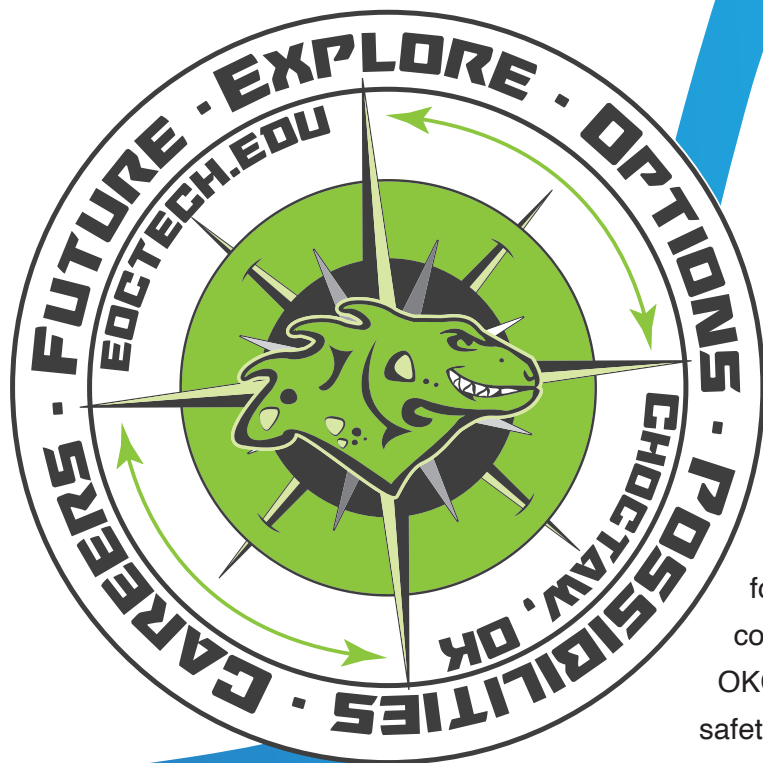
Digital Electronics

Engineering Design & Development

EXPLORE

2020-2021

AN ADVENTURE IS WAITING TO HAPPEN, EXPLORE THE POSSIBILITIES!



The Explore experience is an 85-minute daily class for Sophomores on the EOC Tech Center campus. Students spend one semester in the EXPLORE program and receive an initial four week orientation to the CareerTech and college connection, career assessment through OKCareerGuide.com, career planning, and general safety. After completing the orientation period, students choose up to five programs to explore for three week rotation periods at a time.

Students may choose from:

- **Automotive Collision Technician**
- Automotive Service Technician
- **Biomedical Science**
- Business, Management & Administration
- **Computer Repair**
- Computer Networking
- **Digital Cinema**
- Digital Photography
- **Early Care & Education**
- **Electrician's Assistant**
- Firefighting
- **Finance**
- Graphic Arts
- **Certified Nurse Assistant (LTC)**
- Pre-Engineering
- **Residential/Commercial HVAC**
- Service Careers
- **Web/3D Design**
- Welding

NOTES

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.