

Deer Creek High School

Course Description and Enrollment Information Guide 2024-2025



**Nationally Recognized Blue Ribbon School
Oklahoma Academic Performance Award Winner
Deer Creek Antlers**

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Enrollment and Graduation Information

2024-2025

Course Requests

The course request process consists of selecting subjects to be taken after a thorough explanation has been made of graduation requirements and recommended courses. It is important that students and parents review the high school graduation requirements. High school counselors and teachers are a great source of advice about courses that are offered, but the ultimate success rests on each student's efforts. **Due to staffing, some courses could be eliminated or modified depending on numbers enrolled, staff changes, etc.** Because of decreasing school funding and the need to get appropriate staffing, students will not be allowed to change classes after the last day of school unless they meet one of the following requirements:

1. Moving from an Honors or AP
2. Moving into a college class, athletics, work study, service leadership, special education, or office/media assistant.

GRADUATION AND DIPLOMA REQUIREMENTS

To graduate from Deer Creek High School and receive a diploma, a student must complete one of the following curriculums:

I. Core Curriculum

A. Requires twenty-three (23) units as follows:

1. Four (4) English
2. Three (3) Mathematics (Algebra I or any course with content or rigor above Algebra I, or Computer Science, Contextual Math which enhances technology preparation, or math courses taught at a technology center during the 11th or 12th grade year and approved by the State Board of Education and Deer Creek Board of Education)*
3. Three (3) Sciences including one (1) physical science (Physical Science, Physics, or Chemistry), one (1) Biology, and one (1) additional science above the rigor of Biology I or Physical Science.
4. Three (3) Social Studies --Oklahoma History (.5), World History (1) or AP European History (1) or World Geography (1), United States History (1), and U.S. Government (.5)
5. Half (.5) course or equivalent which includes financial literacy competencies
6. One (1) Fine Arts.
7. One (1) Computer Technology or World Language
8. Seven (7) Electives

B. Complete required state assessments including ACT, Science assessment and US History exam. As well as completion of the US Naturalization exam.

C. Must receive CPR training, meet Personal Finance competencies and complete ICAP standards.

D. This curriculum requires a parent to sign a form, available at the school, opting the student out of college preparatory curriculum. This curriculum does not meet Oklahoma's Promise requirements.

F. The Core Curriculum does not necessarily qualify a student for all college admissions. Careful examination of individual college requirements must be made.

II. Oklahoma College Preparatory Curriculum

A. Requires twenty-four (24) units as follows:

1. Four (4) English
2. Three (3) Mathematics (Algebra I or any course with content or rigor above Algebra I and approved for college entrance)*
3. Three (3) Laboratory Sciences including one (1) physical science (Physical Science, Physics, or Chemistry), one (1) Biology, and one (1) additional science above the rigor of Biology I or Physical Science
4. Three (3) Social Studies Oklahoma History (.5), World History (1) or AP European History (1) or World Geography (1), United States History (1), and U.S. Government (.5)

5. Half (.5) course or equivalent which includes financial literacy competencies
6. One (1) Fine Art
7. Two (2) units of the same World Language or two (2) Computer Technology classes
8. One (1) additional elective from English, Math, Science, Social Studies, World Language, Computer Technology, Concurrent Enrollment, or Advanced Placement course approved for college admission.
9. Six (6) Electives

B. Complete required state assessments including ACT, Science assessment and US History exam. As well as completion of the US Naturalization exam.

C. Must receive CPR training , meet Personal Finance competencies and complete ICAP standards.

III. Certificate of Distinction Curriculum

A. Requires twenty-six (26) units as follows:

1. Four (4) English
2. Four (4) Mathematics (Algebra I or any course with content or rigor above Algebra I and approved for college entrance including College Career Math Ready)*
3. Four Sciences three of which must have a lab including one (1) physical science (Physical Science, Physics, or Chemistry), one (1) Biology, and two (2) additional sciences above the rigor of Biology I or Physical Science.*
4. Three (3) Social Studies -- Oklahoma History (.5), World History (1) or AP European History (1) or World Geography (1), United States History (1), and U.S. Government (.5)
5. Half (.5) course or equivalent which includes financial literacy competencies
6. One (1) Fine Arts
7. Two (2) units of the same World Language or Technology
8. One (1) additional elective from English, Math, Science, Social Studies, World Language, Computer Technology, Concurrent Enrollment, or Advanced Placement course approved for college admission.
9. Six (6) Electives

B. Complete required state assessments including ACT, Science assessment and US History exam. As well as completion of the US Naturalization exam.

C. Must receive CPR training, meet Personal Finance competencies and complete ICAP standards.

IV. Certificate of Distinction Cum Laude Curriculum

A. The student must meet the requirements for the Certificate of Distinction diploma

B. The student must achieve a seven semester cumulative, weighted 4.0 grade point average or higher

SELECTION OF A VALEDICTORIAN/SALUTATORIAN

All students with a Certificate of Distinction Cum Laude and a seven semester cumulative GPA equal to or higher than a 4.2 will be awarded the honor of valedictorian. Where two or more valedictorians are named, no salutatorian will be awarded. In the absence of a student with a 4.2 GPA or higher, the valedictorian shall be the student with the Certificate of Distinction Cum Laude and the highest GPA. All students declared valedictorian shall have the rank of #1 in the class. In the event only one valedictorian is awarded, the student with the Certificate of Distinction Cum Laude and the second highest GPA shall be named salutatorian. In the event that a student named valedictorian or salutatorian fails to meet the requirements for the Certificate of Distinction Cum Laude at the time of graduation, the award of valedictorian will be revoked.

Grade point averages will be based on the seventh-semester transcript (9th, 10th, 11th grades, and the first semester of the 12th grade). Credit received for high school coursework prior to 9th grade will be calculated into the cumulative GPA and used to determine Valedictorian. Both the Valedictorian and Salutatorian must have been continuously enrolled at Deer Creek High School beginning with the first semester of junior year.

GENERAL INFORMATION

Students and parents are encouraged to carefully consider career planning when selecting a course of study. The school has a qualified staff of guidance counselors to assist students in planning a course of study that will enable the students to prepare for their future careers. Subject selection is critical in preparing for graduation, university entrance, and scholarship opportunities.

In accordance with state and federal guidelines, Deer Creek Public Schools provides programs for all students with disabilities. Any student who has qualified for services is provided an Individualized Education Plan.

Internet-Based Instruction: Any high school course taught through Internet-based instruction must have approval from the High School Principal, Counselor, and District Curriculum Director.

Repeated Courses: Should a student be allowed to repeat a class, the student shall receive GPA credit for the higher grade only. Students can receive credit for a course only one time to meet graduation requirements unless it is a practice-based course, i. e. band, choir, athletics.

Student Schedules: All students are required to be enrolled in a full schedule. Course requests should be made by May. All other changes must be made during the first ten days of each semester and will only be allowed for students moving to or from an Honors or AP class or moving into a college class, athletics, work study, service leadership, special education or office/media aide.

Diploma and Commencement Requirements: A student has earned a diploma when he/she has completed all the requirements for graduation from the high school as prescribed by the State Department of Education, and the Deer Creek Board of Education. The requirement for graduation is twenty-four (24) units of credit. Students with twenty-three (23) units of credit may participate in senior activities and graduation ceremony but will not receive a diploma until twenty-four (24) units of required work are completed. Students who need more than one (1) unit for graduation will not be permitted to participate in commencement exercises.

Grading System: Students shall receive semester grades of A, B, C, D or F based on the following scale:

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

Classification: Classification is made only once each year at the beginning of the school year.

Sophomore...5 units Junior...10 units Senior.....16 units

Weighted Grades: Students will receive a one-half (.5) quality point for Honors classes and one full (1.0) quality point for AP classes.

Class rank will be based on the weighted GPA. *For example:*

*An 'A' in Chemistry is worth 4.0 An 'A' in **Honors** Chemistry is worth 4.5 An 'A' in **AP** Chemistry is worth 5.0*

National Honor Society: Students in grades 10-12 are eligible for membership. For the scholarship criterion, a student must have a cumulative GPA of 3.85 (weighted) or better on a 5.0 scale. Additionally, each candidate must have been enrolled in at least one honors class during each semester of freshman year. During the sophomore, junior, and senior years, students must be enrolled in two advanced classes (honors, AP, concurrent, Francis Tuttle Academies) each semester. Each fall those students who meet this criterion are invited to complete a Candidate Form that provides the faculty council with information regarding the candidate's leadership and service.

Career Tech

Students will have the opportunity to enroll at Francis Tuttle Technology Center for their junior and/or senior years. Students will attend DCHS for half-day and attend Francis Tuttle half-day. See the counselor for more information on the opportunities and classes available.

Engineering Academy: Sophomores, juniors and seniors may apply for the Pre-Engineering Academy at Francis Tuttle. The Pre-Engineering Academy offers a broad overview of engineering and technology-related fields along with Honors and AP level math and science classes. This integrated approach to math, science and technology is designed to prepare students for entry into colleges of engineering. Students will attend DCHS on a part-time schedule completing 3-4 credits (courses) each year at DCHS. This program usually begins during the sophomore year. Students may not move from academy classes to a full schedule at Deer Creek in the middle of a semester.

Biosciences and Medicine Academy: Sophomores will have the opportunity to apply for the Biosciences and Medicine Academy at Francis Tuttle. This academy offers a broad overview of medical and biotechnical engineering fields along with Honors AP and AP level math and science classes. Students will attend DCHS on a part-time schedule completing 3-4 credits (courses) each year at DCHS. This program usually begins during the sophomore year. Students may not move from academy classes to a full schedule at Deer Creek in

the middle of a semester.

Computer Science Academy: Sophomores and juniors may apply for the Computer Science Academy at Francis Tuttle. The Computer Science Academy offers a broad overview of computer-related fields in programming and software application along with Honors and AP level math and science classes. This integrated approach to math, science, and software is designed to prepare students for entry into computer science programs at the university level. Students will attend DCHS on a part-time schedule completing 3-4 credits (courses) each year at Deer Creek. This program usually begins during the sophomore year. Students may not move from academy classes to a full schedule at Deer Creek in the middle of a semester.

Honors Classes:	AP Classes:
Geometry Honors	AP Pre-Calc/Trigonometry
Algebra II Honors	AP Calculus AB
Biology Honors	AP Calculus BC
Chemistry Honors	AP Probability and Statistics
Physics Honors	AP Biology
Human Anatomy Honors	AP Chemistry
English I Honors	AP Physics 1
English II Honors	AP Environmental Science
Spanish II Honors	AP European History
Spanish III Honors	AP U.S. History
French III Honors	AP Government
French IV Honors	AP Psychology
	AP Language (11th)
	AP Literature (12th)
	AP Studio Art
	AP Spanish Language
	AP Music Theory

AP/Honors Classes: AP prepares students for an advanced university path in the subjects taken through AP courses. College credit may be available to students who pass the national exams given in May of each school year. Every university establishes their own guidelines for credit acceptance. Students who do not enroll in Honors courses may choose to take Advanced Placement courses, although it is highly recommended that they first consider the Honors program.

High School Credit through Proficiency Based Testing: Proficiency for advancing to the next level of study will be demonstrated by a score of >90% or comparable performance on an assessment or demonstration. The opportunity for proficiency assessment will be provided at least twice each school year. Please refer to Board Policy IKEC for more details.

College Credit Through Advanced Placement: Some universities offer AP credit if a student obtains a score of 3 or higher on the AP exam. However, there is no guarantee that a university will grant credit, regardless of the student's score. Advanced Placement prepares students for the rigor of university study. AP and Concurrent serve a different purpose. For information about Oklahoma colleges which generally grant credit, visit the Oklahoma Higher Education– Student Center Online. For more information concerning Advanced Placement, visit www.collegeboard.com Students must sign-up and pay for the Advanced Placement tests in the fall of each school year. If they later determine that they will not take the test, a withdrawal fee will be assessed.

College Credit through CLEP Exams: CLEP is a test taken through a college. CLEP exams will not count as course credit for high school. Students need to check with specific universities of choice for CLEP information. CLEP testing can help save both money and time by allowing students to test out of university freshman and sophomore level courses. CLEP tests substitute for basic university courses.

Communication Information: DCHS makes a conscious effort to post all important information on the web. Please visit the DCHS website www.deercreekhs.org or district site www.deercreekschools.org. All staff have E-mail access and can be found on the staff list on the website. Faculty E-mail first name and last name @dcsok.org (no spaces).

Requirements for College Admission

Option 1	<u>College/University</u> University of OK Oklahoma State Regional Universities Two Year Colleges	<u>ACT/SAT</u> Holistic Admission 24/1090 20/940 No minimum required
Option 2	<u>College/University</u> Oklahoma State Regional Universities Two-Year Colleges	<u>GPA and Class Rank</u> 3.0 and top 33% 2.7 and top 50% No minimum required
Option 3	<u>College/University</u> Oklahoma State Regional Universities Two-Year Colleges	<u>GPA in the 15-Unit Core</u> 3.0 and 21 ACT/980 SAT 2.7 No minimum required

Concurrent Enrollment:

Students may take college courses during their juniors and seniors in lieu of taking some high school courses. To be enrolled, they must meet the requirements on the table shown below. In addition, they must have approval of the parent and the high school counselor. Students will receive both high school and college credit for concurrent enrollment courses. Students receive one high school credit for each three hour college course taken during the school year. More information about concurrent courses taught on the DCHS campus is located in this publication. Students who withdraw from a concurrent class will receive a "No Credit" on their high school transcript which is averaged into the grade point average as an "F". The universities reserve the right to make changes. Be sure to check the current university requirements as decision making is taking place.

Requirements for Concurrent Enrollment

	Seniors
University of Oklahoma	24 ACT/1090 SAT and/or 3.0 GPA
Oklahoma State University	24 ACT or 1090 SAT and/or 3.0 GPA
Regional Universities	20 ACT or 940 SAT and/or 3.0 GPA
Two-Year Colleges	19 ACT/900 SAT and/or 3.0 GPA

Oklahoma's Promise Scholarship

This scholarship program is for students who take a rigorous high school curriculum, make at least a 2.5 unweighted GPA in both core curriculum and overall, observe attendance rules, stay out of trouble and meet family income requirements. Student MUST take the following high school coursework to meet Oklahoma's Promise program requirements. Students must also be residents of Oklahoma and apply during their 8th, 9th, 10th or 11th grade year. For more information and to enroll go to: www.okpromise.org. Essentials core classes for IEP students do not count toward Oklahoma Promise.

Oklahoma's Promise Core Curriculum

17 total units are required

- 4 units of English (grammar, composition, literature; courses should include an integrated writing component)
- 3 units of lab science (biology, chemistry, physics or any lab science certified by the school district; general science with or without a lab may not be used to meet this requirement)
- 3 units of mathematics (Algebra I, Algebra II, geometry, trigonometry, math analysis, pre-calculus [must have completed geometry and Algebra II], calculus, Advanced Placement [AP] statistics)
- 3 units of history and citizenship skills (including one unit of American history and two additional units from the subjects of history, economics, geography, government, non-Western culture)
- 2 units of foreign or non-English language (two years of the same language) OR 2 units of computer
- 1 additional unit of subjects listed above
- 1 fine arts (music, art, drama) or Speech

Please use the following as a tool to design your four year curriculum or you may access the online tool through the Infinite Campus portal. You may refer to the graduation requirements on pages 4-5 to determine curriculum needs.

Student _____ Diploma Plan _____

Grade _____ School Year _____ Career Goal _____

NOTES: _____

STUDENT SIGNATURE: _____ DATE: _____

English/Language Arts

Course No.	Subject	Grade	Credits
4045DC10/20	English I	9	1
This course includes the study of literature through an introduction to the various literary genres. In addition, students will continue to learn basic functions of English grammar, writing, research, and vocabulary.			
4045HC10/20	English I Honors	9	1
Prerequisite: A or B in 1st sem. current same subject course; C teacher discretion			
In addition to the coursework in the English I curriculum, this course will challenge a self-disciplined student with high abilities in the language arts area. Honors is designed to prepare students for upper level classes.			
4048DC10/20	English II	10	1
This course deals with the study of world literature which emphasizes multicultural themes. In addition, students will continue to review the basic functions of English grammar, writing, and research.			
4048HC10/20	English II Honors	10	1
Prerequisite: A or B in 1st sem. current same subject course; C teacher discretion			
In addition to the coursework in the English II curriculum, this course will challenge a self-disciplined student with high abilities in the language arts area. Honors is designed to prepare students for upper level classes.			
4051DC10/20	English III	11	1
This course deals with the study of American literature from the 1700's to the modern day via a thematic structure and/or a chronological structure. In addition, students will review the basic functions of grammar, writing and research.			
4057AP10/20	AP English Language & Comp (AP English III)	11	1
Prerequisite: A or B in 1st sem. current same subject course; C teacher discretion			
This course is taught at college level in literature and composition (American Literature) and promotes critical analysis of reading and writing which will prepare students to be successful in college and beyond. Benefits of taking this class include in-depth reading, comprehension, enhanced writing skills, as well as practice in the MLA research style and increased cultural literacy which are not available in a traditional college freshman composition class. Students have the option of taking an AP exam in the spring for college credit in 1113 and 1213 Composition.			
4054DC10/20	English IV	12	1
This course is a cumulative study of world literature with a focus on British literature from the Anglo-Saxons through modern-day. In addition, students conduct research, hone writing skills, and expand academic vocabulary as well as grammar knowledge.			
4010AP10/20	AP English Literature & Composition (AP English IV)	12	1
Prerequisite: A or B in 1st sem. current same subject course; C teacher discretion			
This course is taught at college level in literature and composition (British/World Literature) and promotes critical analysis of reading and writing which will prepare students to be successful in college and beyond. Benefits of taking this class include in-depth reading, comprehension, enhanced writing skills, as well as practice in the MLA research style and increased cultural literacy which are not available in a traditional college freshman composition class. Students have the option of taking an AP exam in the spring for college credit in 1113 and 1213 Composition.			

Social Studies

Course No.	Subject	Grade	Credits
5615DC10	Oklahoma History	9	.5
This course will help prepare students to become knowledgeable and responsible participants in the global society. Oklahoma's past is studied from its prehistory through statehood. Daily reading will be incorporated into the schedule in order to increase vocabulary skills.			
5731DC10/20	World History	10	1
This course emphasizes the political, social, economic, and cultural aspects of Western civilization from ancient times to the present. The study of art/architecture will be incorporated as a reflection of human ideas during major historical periods. Students will develop study, note taking, research, writing, and map skills.			
5735AP10/20	AP European History	10	1
Prerequisite: A or B in 1st sem. current same subject course; C teacher discretion			
This is a college-level survey introducing students to the rich political, cultural, social, intellectual and aesthetic heritage of Europe. Students will gain an understanding of the principal themes in modern European history (1450-present) and an ability to analyze historical evidence while preparing to take the AP exam. This course fulfills the requirement for World History.			
5410DC10/20	U.S. History	11	1
This course focuses on the social, political, economic and cultural development of the United States from 1877 to the present. Students will develop study, note taking, writing, research, and map skills. Upon completion of this course, the student is required to take and pass a state-mandated End-Of-Instruction Test.			
5415AP10/20	AP U.S. History	11	1
Prerequisite: A or B in 1st sem. World History course; C teacher discretion			
This is a college-level course to provide students with the analytical skills and knowledge necessary to deal critically with the concepts in U.S. history from 1607 to the present. Students will form conclusions based on sound judgment and present evidence concisely and clearly in proper essay form, which will prepare students to take the AP exam. Upon completion of this course, the student is required to take and pass a state-mandated End-Of-Instruction Test.			
5541DC10	Government	12	.5
This semester course is designed to help Students understand the basic structure of our American Government and its development as well as our Oklahoma Government. Students venture into the Legislative, Executive and Judicial branches, domestic and foreign policy, the voting process, the bill-making process, and the basic rights of citizens provided by the Constitution. Students also get an opportunity to compare our government and economy to that of numerous countries around the world.			
5546AP20	AP US Government & Politics	12	1
Prerequisite: A or B in 1st sem. US History course; C teacher discretion			
This one semester course will be taught at a college-level and focuses on the powers of federal government, relationships among branches, organizations, and functions. Students will gain an understanding of government, an ability to analyze facets of government, and an ability to express that understanding and analysis in writing which will prepare students to take the AP exam in the spring.			

Science

Course No.	Subject	Grade	Credits
5160DC10/20	Physical Science	9-10	1
This course presents an introduction to chemistry and physics. Areas of study include matter and its interactions, motion, forces, and interactions; energy; and waves and their applications. Embedded standards for inquiry, engineering technology, and mathematics are taught through activities, labs, projects, and cooperative groups.			
5031DC10/20	Biology I	10	1
This course surveys the structure and interrelationships of living organisms. Areas of study include structures and biological processes from molecules to organisms; the molecular basis of heredity; inheritance and variation of traits; ecosystem interactions, energy; and biological unity and diversity. Emphasis will be placed on science and engineering practices through laboratory investigations and problem-based projects.			
5031HC10/20	Biology I Honors	9-10	1
This college-preparatory course features an expanded curriculum and more in-depth laboratory investigations wherein students will explore the structure and interrelationships of living organisms. Areas of study include structures and biological processes from molecules to organisms; the molecular basis of heredity; inheritance and variation of traits; ecosystem interactions, energy, and dynamics; and biological unity and diversity. Emphasis will be placed on science and engineering practices through laboratory investigations and problem-based projects. This course is designed to provide the background knowledge students need to take AP Biology.			
5035AP10/20	AP Biology	11-12	1
Prerequisite: Chemistry and Biology/Biology Honors			
This course is an introductory college-level biology course designed to prepare students for the AP Biology Exam. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.			
5333HC10/20	Human Anatomy /Physiology Honors	11-12	1
Prerequisite: Biology/Biology Honors and a physical science course			
This college-preparatory course explores the internal and external structures and functions of the human body and how the human body performs vital functions. Study begins at the cellular level and continues through the body's organ systems. Animal dissections for comparisons may be part of the course.			
5240DC10/20	Zoology	11-12	1
Prerequisite: Biology/Biology Honors and a physical science course			
This course provides a study of vertebrate and invertebrate animals. Classification, structures, functions, and animal behavior will be emphasized. Animal dissections for comparisons may be part of the course.			
5051DC10/20	Chemistry	10-12	1
Prerequisite: Biology/Biology Honors			
This course explores the fundamental concepts of the study of matter, its structure, properties, and the changes that matter undergoes. Areas of study include structure and properties of matter; matter			

transformations; energy of chemical reactions; and electromagnetic radiation. Emphasis will be placed on science and engineering practices through laboratory investigations and problem-based projects.

5051HC10/20 **Chemistry Honors** **10-12** **1**

Prerequisite: Algebra I, previously or concurrently; Biology/Biology Honors

This college-preparatory course features an expanded curriculum and more in-depth laboratory investigations wherein students will explore the fundamental concepts of the study of matter, its structure, properties, and the changes that matter undergoes. Areas of study include structure and properties of matter; matter transformations; energy of chemical reactions; and electromagnetic radiation. Emphasis will be placed on science and engineering practices through laboratory investigations and problem-based projects. This course is designed to provide the background knowledge students need to take AP Chemistry.

5055AP10/20 **AP Chemistry** **11-12** **1**

Prerequisite: Algebra II, previously or concurrently; Biology/Biology Honors, Chemistry/Chemistry Honors

This course is an introductory college-level chemistry course designed to prepare students for the AP Chemistry Exam. This course supports future advanced coursework in chemistry as students cultivate their understanding through inquiry-based investigations as they explore content such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

5211HC10/20 **Physics Honors** **11-12** **1**

Prerequisite: Algebra II, previously or concurrently; Biology/Biology Honors

This college-preparatory course utilizes mathematics and investigative laboratory activities to describe the relationships between matter and energy. Areas of study include forces and motion; energy and thermodynamics; electricity and magnetism; and electromagnetic radiation and wave optics. An emphasis is placed on both a conceptual and quantitative understanding of physics equations. This course is designed to provide the background knowledge students need to take AP Physics I.

5213AP10/20 **AP Physics 1** **11-12** **1**

Prerequisite: Pre-Calculus, previously or concurrently; Biology/Biology Honors

This course is an algebra-based, introductory college-level physics course designed to prepare students for the AP Physics I Exam. Students cultivate their understanding of physics by developing models of physical phenomena through inquiry-based investigations. Students build their understanding of physical models as they explore and solve problems in these topics: kinematics; forces and translational dynamics; work, energy, and power; linear momentum; torque and rotational dynamics; energy and momentum of rotating systems; oscillations; and fluids.

5334DC10/20 **Forensic Science** **11-12** **1**

Prerequisite: Biology/Biology Honors and Chemistry/Chemistry Honors, previously or concurrently

This course is an overview of the methodology, procedures, terminology, history, career options, and legal aspects of crime scene investigation. Students will explore mock crime scenes, perform case studies of real crimes, and study the behavior of serial killers. This year-long, hands-on course includes many aspects of criminal investigation performed by actual crime scene investigators daily.

Juniors and Seniors enrolled in Forensic Science will have the opportunity to receive college credit through UCO, if they choose. Those students must meet UCO guidelines for admittance and course placement and must pay all concurrent fees associated with the course. The college course description is listed below:

FRSC 2503 **Introduction to Forensic Science**

Introduction to Forensic Science is a survey course designed to acquaint the students with a comprehensive understanding of today's crime laboratories and investigative techniques involving the proper collection,

preservation, and analysis of evidence. The student will be introduced to scientific, technological, and experientially-based procedures as they are applied in the criminal justice system.

5120DC10/20 Environmental Science 11-12 1

Prerequisite: Biology/Biology Honors and a physical science course

This course utilizes an ecosystem approach to explore major ecological concepts, environmental complexities, and relevant, up-to-date environmental issues. Areas of study include Earth materials and systems; ecosystem dynamics; human impact on environmental systems; sustainability of natural resources; and global change over time.

5121AP10/20 AP Environmental Science 11-12 1

Prerequisite: Biology/Biology Honors and a physical science course

This course is an introductory college-level environmental science course designed to prepare students for the AP Environmental Science Exam. Students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

5061DC10/20 Earth Science 10-12 1

Prerequisite: Biology/Biology Honors

This course presents a practical exploration of Earth's systems and processes. Areas of study include geology, meteorology, oceanography, and astronomy. This course emphasizes hands-on experiments and real-world applications to illustrate concepts such as plate tectonics, Earth's global climate system, and the dynamic relationship between humans and the environment.

Mathematics

Course No.	Subject	Grade	Credits
4411DC10/20	Algebra I	9-10	1
This course covers topics using the real number system that include linear equations and inequalities, systems of linear equations, exponents, radicals, rational equations, polynomials, functions, and graphing.			
4520DC10/20	Geometry	9-11	1
Prerequisite: Algebra I			
This course includes the study of inductive and deductive reasoning, lines, angles, triangles, polygons, circles, areas and volumes. Emphasis will be placed on logic and deductive proofs.			
4520HC10/20	Geometry Honors	9-10	1
Prerequisite: Algebra I; A or B in 1st sem. current same subject course; C teacher discretion			
This course includes the study of traditional plane geometry concepts at an accelerated pace and covers some advanced topics more thoroughly than the regular course.			
4418DC10/20	Intermediate Algebra	11-12	1
Prerequisite: Algebra I and Geometry with Counselor approval			
This course is a bridge between Algebra I and Algebra II and for students who scored a D in Algebra I. This course counts as a high school credit but will not be included in the College Prep Curriculum or eligible for			

4412DC10/20 Algebra II 10-12 1

Prerequisite: Algebra I and Geometry

This course emphasizes deductive reasoning using the complex number system and imaginary numbers. Topics include matrices, quadratic equations and inequalities, exponents, radicals, polynomials, rational equations, radical equations, functions including exponential and logarithmic, and graphing. A graphing calculator is required.

4412HC10/20 Algebra II Honors 10-11 1

Prerequisite: Algebra I and Geometry; A or B in Honors Alg. 1; C teacher discretion

This course covers the same subject matter as Algebra II plus some advanced topics. Material is covered at a faster pace and in greater depth in order to prepare students for AP mathematics. A graphing calculator is required.

4550DC10/20 College and Career Ready Math 12 1

This course is designed to support students in math who have earned a 13-18 on their ACT or 720-1100 on their SAT in math. This course provides students an opportunity to review critical concepts from middle and high school mathematics to ensure student readiness for entry-level, credit-bearing mathematics coursework in college. OK students who have completed the course see typical gains of 2-3 points on their ACT composite score.

4413DC10/20 Algebra III 11-12 1

Prerequisite: Algebra II

This course is designed for students who earned at least a "C" in Algebra II who plan to attend college. More specifically, Algebra III is geared toward those who will take College Algebra or would like to pass the College Algebra CLEP Test. Students will work with linear, quadratic, polynomial, rational, exponential, logarithmic functions, expressions, equations, systems, matrices, sequences, series, and basic statistics.

4740DC10/20 Probability and Statistics 11-12 1

Prerequisite: Algebra II or higher; grades of C or higher

This course Introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

4611DC10/20 PreCalculus/Trigonometry 11-12 1

Prerequisite: Algebra II

Students build upon skills learned in Algebra 1, Algebra 2, and Geometry to form a deeper understanding about function behaviors, analyzing graphs (without a calculator), and right triangle trigonometry. New topics in functions include discontinuities using limits, conic sections, and rectangular forms of complex numbers. New topics in trigonometry include the use of the unit circle, graphing trigonometric functions, proving and solving trigonometric identities, and topics beyond the right triangle. Students are expected to understand concepts from previous math courses, however, some reteaching may occur. This class is meant to prepare students for college level PreCalculus courses and AP Calculus AB/BC.

4611AP10/23 AP PreCalculus/Trigonometry 11-12 1

Prerequisite: Algebra II

This course is faster paced and covers more topics than PreCalculus/Trigonometry, with minimal reteaching. Additional topics covered in AP include polar functions in polar and rectangular form, rate of change of all functions, function manipulation, and context and data modeling. Students will be expected to communicate reasoning through various methods: algebraically, graphically, analytically, and verbally. During this course,

students acquire and apply mathematical tools in real-world modeling situations in preparation for using these tools on the AP PreCalculus Exam, in AP Calculus AB/BC, and in college-level calculus.

4615AP10/20 **AP Calculus (AB)** **11-12** **1**

Prerequisite: Pre-Calculus/Trig Honors; A or B in 1st sem. current same subject course; C teacher discretion

This is an Advanced Placement course which is the study of elementary functions, limit of a function, derivative, integral and techniques of integration, and applications of calculus to real-world problems in the fields of life science, business and economics, social science, physics, and engineering. A graphing calculator is required. Students taking this course will be prepared to take the AP exam in the spring.

4616AP10/20 **AP Calculus (BC)** **11-12** **1**

Prerequisite: AP Calculus (AB) or Honors Pre-Calc/Trig with teacher approval

AP courses in calculus consist of a full high school academic year of work and are comparable to calculus courses in colleges and universities. It is expected that students who take an AP course in calculus will seek college credit, college placement or both from institutions of higher learning. The topics covered in AP Calculus (BC) include: limits of differential calculus, using calculus to find extrema, Integral calculus, sequences and series. This course may be taken as an extension of AP Calculus (AB) or as a replacement. A graphing calculator is required. Students enrolled in this course are expected to take the AP exam in the spring.

4760AP10/20 **AP Probability and Statistics** **11-12** **1**

Prerequisite: Algebra II or higher; math grades of A or B, teacher discretion

AP Statistics is an introductory college-level statistics course that introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

Students are advised to take a math course their senior year either through DCHS or through a local university. Not taking math during the senior year may result in university remediation upon college entrance, which will not count towards a college degree plan.

Computer Technology

Course No.	Subject	Grade	Credits
2556DC10/20	Website Design I	9-12	1
This course will help students explore the structure of the World Wide Web and learn the basic principles of creating web pages using various forms of software and programming. Students will learn HTML language and primarily use Adobe products (Dreamweaver) for designing Web pages. Students will learn about web page development applications such as Adobe Fireworks to enhance website designs.			
2557DC10/20	Desktop Publishing	9-12	1
Students acquire fundamental skills in image creation and image management procedures and techniques as they create, revise, optimize, and export graphics for video, print, and web publishing. They also develop electronic marketing strategies to promote their work.			
2551DC10/20	Computer Applications I	9-12	1
Students taking this course will be given an overview of computers and computer systems including computer ethics, hardware and software, research strategies, computer fundamentals, and online resources. Essential skills in basic word processing, spreadsheets, and multimedia presentations will be developed using multiple applications.			

8191FT10/20	Digital Media Production	9-12	1
Students will learn professional digital media productions as they focus on the production process, the production team, various formats, and how to use professional equipment. The production environment, both field and studio will be covered, as well as legal issues including copyright, intellectual property, and ethics. Basic video editing skills will also be introduced.			
8192FT10/20	Video Editing	10-12	1
Students will learn fundamental skills in image creation for video including digital photography. They will master non-linear editing for professional digital video productions and will acquire skills in professional audio editing software used to edit, mix and produce quality sound for video. Students will also learn advanced special effects skills.			
8194FT10/20	Digital Broadcasting	10-12	1
Prerequisite: Video Editing/Fund. Of Digital Media or Broadcasting per teacher and Teacher Approval			
Customer service, marketing, project management techniques and professionalism will be emphasized as students complete broadcast projects. Students will complete numerous projects, as they will acquire skills in advanced broadcasting, video editing and production. Students will be responsible for broadcasting live over 40 events throughout the school year.			
2531DC10/20	Computer Science Principles	9-12	1
Based on the online programs at www.code.org , this course will teach you the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than just a computer coding class, you will explore how the internet works, cybersecurity and data protection, app creation, the basics of modern encryption, and how technology impacts the world around you. No prior experience or knowledge of computer science is required for this course.			
2555DC10/20	Website Design II	10-12	1
Prerequisite: Website Design I			
The goal of this course is to provide students with the study of advanced topics in web design. Upon completion of this course, students should have a thorough knowledge of all areas of web page design. Topics include the web development process, advanced layout and design features, advanced study of scripting languages, site development with HTML editors, and web servers.			
2552DC10/20	Computer Applications II	10-12	1
Prerequisite: Computer Applications I			
This course is designed to develop those technologies and computer applications skills acquired in Computer Applications I. The goal of this course is to provide students with opportunities to enhance their computer technology, decision-making, productivity, communications, and problem-solving skills. Areas of instruction include advanced computer applications and integration of word processing, desktop publishing, spreadsheet, database, and presentation software, as well as the use of emerging technologies.			
2532DC10/20	JAVA	10-12	1
Prerequisite: Computer Science Principles			
Using the online textbook <i>Learn the Java Way</i> , students will learn the fundamental basics of the Java programming language. Students will gain extensive hands-on experience in writing, compiling, and executing Java programs while exploring the concepts of Java using the online program called Dr. Java.			
3580DC10/20	Aviation I	9	1
This STEM technology course will introduce students to the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem-solving, and the			

technological developments that have made the aviation and aerospace industries possible. They will be exposed to a variety of career options in aviation and aerospace and take an in-depth look at the opportunities available.

3581DC10/12 Aviation II 10-12 1

Prerequisite: Aviation I (or teacher approval of other aviation experience)

This STEM technology course will provide 10th-12th grade students an in-depth understanding of the forces of flight and will touch on aircraft design including stability and aircraft controls. Students will also take an in-depth look at key aircraft systems as well as required regulations and documentation. It is recommended that students taking this course have a strong aptitude in science and math as well as a technical interest in aircraft design and systems.

3582DC10/12 Aviation III 11-12 1

Prerequisite: Aviation I (or teacher approval of other aviation experience)

This STEM technology course will prepare 11th-12th grade students to take either FAA knowledge test: Private Pilot or Part 107 Remote Pilot. Similar to “ground school,” topics include pre-flight procedures, airspace, radio communications, aviation phraseology, regulations, airport operations, aviation safety, weather, cockpit management, emergency procedures, human factors, and aeronautical decision-making.

World Languages

Course No.	Subject	Grade	Credits
3161DC10/20	Spanish I	9-12	1
This course is designed to introduce four areas of communication: students will be able to speak, listen, read and write in Spanish. In addition, students will understand cultural practices and perspectives, compare Spanish language and culture to their own, and make connections to other areas, such as art, history and geography.			
3162DC10/20	Spanish II	9-12	1
Prerequisite: Spanish I			
This course is designed to expand the ability of the students to speak, listen, read and write in Spanish developed in Spanish I, as well as to increase students’ understanding of cultural products, practices and perspectives. Students will also make connections to other disciplines (art, history, and geography), and develop insight into the nature of language and culture.			
3162HC10/20	Spanish II Honors	9-12	1
Prerequisite: Spanish I; A or B in 1st sem. current same subject course; C teacher discretion			
This course is designed for students who plan to take upper level Spanish classes. The course will move at a faster pace, although it is still considered a Spanish II class. It is highly recommended that the student maintain an A in Spanish I.			
3163HC10/20	Spanish III Honors	9-12	1
Prerequisite: Spanish II; A or B in 1st sem. current same subject course; C teacher discretion			
This course is designed to expand the interpretive, interpersonal and presentational communication skills developed in Spanish II, as well as to increase students’ understanding of cultural products, practices and perspectives. Students will also make connections to other disciplines (art, history, and geography), and develop insight into the nature of language and culture.			

3165AP10/20 **AP Spanish Language and Culture** **11-12** **1**
Prerequisite: Spanish IV Honors; A or B in 1st sem. current same subject course; C teacher discretion

This college-level course continues to develop students' proficiency in all modes of communication. Students will communicate via formal and informal written correspondence, in formal and informal conversations, will acquire information from authentic sources in Spanish and will increase awareness of cultural perspectives of Spanish-speaking people. Students taking this course will be prepared to take the AP exam in the spring.

3111DC10/20 **French I** **9-12** **1**

This course is designed to introduce four areas of communication: listening, speaking, reading and writing in French. In addition, students will understand cultural practices and perspectives, compare French language and culture to their own, and make connections to other areas, such as art, history and geography.

3112DC10/20 **French II** **10-12** **1**
Prerequisite: French I

This course is designed to expand the interpretive, interpersonal and presentational communication skills developed in French I, as well as to increase students' understanding of cultural products, practices and perspectives. Students will also make connections to other disciplines (art, history, and geography), and develop insight into the nature of language and culture.

3113HC10/20 **French III Honors** **10-12** **1**
Prerequisite: French I and II

This course is designed to expand the interpretive, interpersonal and presentational communication skills developed in French II, as well as to increase students' understanding of cultural products, practices and perspectives. Students will also make connections to other disciplines (art, history, and geography), and develop insight into the nature of language and culture.

3114HC10/20 **French IV Honors** **10-12** **1**
Prerequisite: French I, II, and III

Building on the interpretive, interpersonal and presentational communication skills developed in French III, this course is designed to increase students' understanding of interculturality in the Francophone world. Students will also continue making connections to other disciplines (art, history, music, and geography), research French-speaking career opportunities, and participate in virtual or in-person exchanges with teens in the French-speaking world.

Fine Arts

Course No.	Subject	Grade	Credits
2808DC10/20	Foundations of Art	9-12	1
Foundations of Art is the central high school course that gives students a broad scope of visual art production, aesthetics, art history, criticism, and careers. Students will receive a broad range of both two- and three-dimensional media explorations with introduction of the elements of art and principles of design. Each project is planned to incorporate technical skills, problem solving, creative thinking and expression. Students will be required to furnish some supplies.			
2901DC10/20	Sculpture I	10-12	1
Prerequisite: Foundations of Art, Art I or 3D Art			
Art 3D is designed to explore three- dimensional art with emphasis on three-dimensional design. It will provide contemporary and traditional creative experiences. Primary areas of study include the elements of art and			

principles of design. Media explorations may include, but are not limited to ceramics, wood, metal, handmade paper, mixed media, and fiber. Students will be required to furnish some supplies.

2902DC10/20	Sculpture II	11-12	1
Prerequisite: Sculpture I			

Sculpture II is a continuation of Sculpture I, with emphasis on advanced principles and techniques of sculpture. Emphasis on three-dimensional expression in a variety of materials. It will provide contemporary and traditional creative experiences. Media explorations may include, but are not limited to ceramics, wood, metal, paper, mixed media, and fiber. Students will be required to furnish some supplies.

2871DC10/20	Painting I	10-12	1
Prerequisite: Foundations of Art, Art I or 3D Art			

Painting establishes a firm foundation in painting techniques. Students will be introduced to various mediums including tempera, watercolor, and acrylic paint. The course is designed as a fundamental building block for all artistic endeavors. Students will be required to furnish some supplies.

2872DC10/20	Painting II	11-12	1
Prerequisite: Painting I			

Painting II is a continuation of Painting I with an emphasis on advanced principles and techniques of painting. It will provide contemporary and traditional creative experiences. Media explorations may include, but are not limited to watercolor, tempera, acrylic, and oil. Students will be required to furnish some supplies.

2878DC10/20	Drawing I	10-12	1
Prerequisite: Foundations of Art, Art I or 3D Art			

Drawing I emphasizes the basics of design and composition. Students are introduced to the various drawing mediums including pencil, charcoal, pen and ink, colored pencils, and pastels. The course is designed as a fundamental building block of all artistic endeavors. Students will be required to furnish some supplies.

2879DC10/20	Drawing II	11-12	1
Prerequisite: Drawing I			

Drawing II is a continuation of Drawing I with an emphasis on advanced principles and techniques of drawing. It will provide contemporary and traditional creative experiences. Media explorations may include, but are not limited to graphite, colored pencil, charcoal, pastels, and oil pastels. Students will be required to furnish some supplies.

2838AP10/20	AP Studio Art 2D	12	1
Prerequisite: Teacher Approval			

This course provides the highly motivated, disciplined high school student with rigorous college-level visual art experiences leading to the completion of a portfolio of work for evaluation. The portfolio is a vehicle through which the student can demonstrate abilities and can earn credit and/or advanced placement at the college level. Students may select from the following options: Drawing Portfolio, 2D Design Portfolio, and 3D Design Portfolio. Students will be required to furnish some supplies.

2885DC10/20	Photography I	10-12	1
Prerequisite: Foundations of Art, Art I or 3D Art			

This course allows students to develop a thorough understanding of how to apply artistic guidelines and manipulate materials and equipment to produce professional quality photographs. Students are required to have their own digital camera.

2886DC10/20	Photography II	11-12	1
Prerequisite: Photography I			

This course will expand and improve on the elements and principles of design and photography. Students will

approach the aspects of studio assignments through communication and expression. Students will be encouraged to develop a professional portfolio that will show self-expression, creativity, and development. Students are required to have their own digital camera.

2841DC10/20 Ceramics I 10-12 1

Prerequisite: Foundations of Art, Art I or 3D Art

Ceramics will build on the elements of art and principles of design and provide knowledge and experience in the construction of hand-built and wheel thrown pieces. Students will also explore glaze techniques in applying glazes, and alternate decoration of ceramic pieces. Three-dimensional working skills will be developed to strengthen skills in basic clay techniques and to broaden creative exploration in shape and form. Students will be required to furnish some supplies.

2842DC10/20 Ceramics II 11-12 1

Prerequisite: Ceramics I

This class is a continuation of the exploration in ceramic formation. It emphasizes a furthering of hand built and wheel thrown techniques in pottery and sculptural form. Participation in arts festivals, competitive shows, and Young Talent in Oklahoma provides worthwhile experiences in this course.

2835DC10/20 Visual Arts- Mixed Media 10-12 .5

Prerequisite: Foundations of Art or Art 1

Mixed Media is a broad, all-encompassing visual art course. This course will include more than one 'medium' (materials used to make art) within each piece of artwork created. Students will create 2-Dimensional and 3-Dimensional original pieces of art. Students will experiment with new techniques as well as build upon the foundational skills learned in previous art courses. Students will be required to furnish some supplies.

2851DC10/20 Printmaking 10-12 .5

Prerequisite: Foundations of Art or Art I

This course is designed to focus on different printmaking styles such as linocut, reduction prints, monoprints, etching, woodblock and collographs. It is an opportunity for students to improve and practice their artistic skills while having a whole semester to focus and improve composition and mark-making skills. Students will be required to furnish some art supplies.

3001DC10/20 Band 9-12 1

Prerequisite: Band director's approval

This is an activity course which requires some time outside the school schedule. Basic musicianship, marching skills, and advanced concert performance are the three areas of concentration. Pre-school band practice, one to two weeks before school starts, is required to be included in the fall football show. Band rehearsals start at 7:15 each morning during marching season. All performances are required unless special permission is received from the director.

3022DC10/20 Jazz Band 9-12 1

Prerequisite: Band director's approval w/audition or concurrent enrollment in Band

This course will study and analyze American music. Students will enhance performance through different media and develop improvisation skills. They will experience an ensemble performance and develop skills necessary for music related competition.

3005DC10/20 Orchestra 9-12 1

Orchestra is comprised of orchestral stringed instruments. Students are expected to have a basic knowledge of all middle school level skills, with the understanding that these skills will continue to be developed both through technique exercises and new music. All Orchestra students are strongly and seriously encouraged to take private lessons.

3072DC10/20	Advanced Choir	10-12	1
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Prerequisite: Instructor's Assessment and Approval

Advanced choir is for students with previous experience in choir at the high school level. This choir will concentrate on advanced vocal technique, sight-reading, and music theory. Students will also participate in contests and be encouraged to audition for All-State Choir and District Solo/Ensemble Contest.

3071DC10/20	Mixed Choir	9-12	1
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This course is designed for students interested in taking choir. Students will sing daily, learn about fundamental singing techniques, basic music theory, sight reading, and different styles of music. Mixed Choir will perform in several concerts throughout the year.

3081DC10/20	Show Choir	9-12	1
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Prerequisite: By audition only

This choir combines group singing and dancing as well as vocal jazz and chamber music. This ensemble performs in the community, at school events as well as all concerts. To participate, it is **required** to be enrolled in another choir as well.

3053DC10	Music Appreciation	9-12	.5
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Students will explore various aspects of music. Students will study music through music history, theory, playing various instruments, and listening to music. Students will study music from different cultures.

3055AP10/20	AP Music Theory	11-12	1
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AP Music Theory is an advanced course for students with prior musical experience which follows a curriculum preparing students for college level music theory and the AP Music Theory exam. The course will cover key signatures, scales, chords, meter, rhythm, notation, harmonic analysis and realization, modulation, secondary dominants, binary and ternary form, sonata and fugue form. If time allows, 20th century practices such as serialism, atonal, jazz, and polytonal techniques are discussed. Classes will consist of the academic study of music theory, as well as ear training, sight-singing, interval and chord recognition, and dictations. The music studied covers a wide variety of vocal and instrumental music from the standard Western tonal repertoire.

2952DC10/20	Humanities: Rock Culture	9-12	.5
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Rock Culture is a semester long elective that studies the origins of popular music in the 20th century and the social and historical context that gave birth to it and related genres. From disco and blues to punk and heavy metal, students will familiarize themselves with landmark groups, music and movements of different periods, exploring the connections between modern music and the artists from the past who have paved the way for the popular music of today.

4019DC10/20	Drama I	9-12	1
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This course is a broad-based introduction to theatre arts which focuses on learning basic theatre vocabulary, voice and diction for public speaking and performing, basic principles of movement for the stage, theatre history, script and character analysis, basic acting technique, storytelling, and improvisational acting. Students will be expected to work in cooperative groups on some performance projects. Students will be encouraged, but not required to participate outside of school performance opportunities.

4022DC10/20	Advanced Drama	9-12	1
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Prerequisite: Drama 1 or Instructor Approval (9th graders-signed teacher approval from middle school)

Students in this course will have the opportunity to develop advanced skills in acting, stage movement, character interpretation/development, script analysis, improvisation, directing, and audition techniques. This class will provide multiple opportunities for public performance including contests, main stage shows, and traveling productions. Some afterschool and weekend rehearsals and performances will be required.

2856DC10/20	Stagecraft	9-12	1
This class is designed to introduce students to the different areas of technical theater including; proper handling of tools and theatrical equipment, safety guidelines, set building, costumes, lighting, sound, and makeup. Students will gain experience and knowledge through classroom exercises and activities, as well as through practical applications for live theatrical productions.			
2857DC10/20	Advanced Stagecraft/Tech Theatre	10-12	1
Prerequisite: Stagecraft			
Advanced Stagecraft/Tech Theatre is a class designed to enhance a student's understanding and abilities in the area of technical theater. Students will gain experience and knowledge through practical applications for live theatrical productions. as well as through classroom exercises and activities. This class will focus on involving students in every aspect of technical theatre including design, construction, production management and theatre operations. Students will be required to work a certain number of hours outside of school on DCHS productions or events.			
4015DC10/20	Competitive Speech and Debate	9-12	1
A class focused on participation in OSSAA and NSDA sanctioned competitions. All students enrolled in this course will have the opportunity to be members of Deer Creek's competitive Speech/Debate team. Students will learn the basics of public speaking, research, and logical formal argumentation. Students will practice, develop materials for and have the opportunity to compete in debate and extemporaneous speaking events. Attendance at some weekend speech tournaments is required.			
4016DC10/20	Advanced Competitive Speech and Debate	10-12	1
Prerequisite: Competitive Speech and Debate			
This class will allow students who have completed at least one year of Competitive Speech and Debate to refine and expand their skills in the competitive speech field. Students in this class are members of the Deer Creek Competitive Speech Team and will be required to attend and compete at 75% of the tournaments.			
4021DC10/20	Drama Repertory and Production	10-12	1
Prerequisite: Instructor Approval			
Drama Repertory and Production is a class that is designed to provide advanced students the opportunity for practical application of theatrical skills in professional level, fully staged live productions as well as through participation in and exposure to the competitive, professional, and college theatre audition process. Students in this class will be exposed to all levels of the theatrical production process, as well as outside live theatrical productions. Students will leave the class prepared to continue their involvement in the theatre at the college and professional levels.			
2910DC10/20	Film Studies	9-12	1
This class will explore world culture and social history through the medium of film and other mediums of mass culture. Students will view a variety of films arranged in chronological order focusing on important eras in world history. The class will discuss and write about these films as primary documents within a historical context and as manifestations of popular culture.			
2911DC10/20	Advanced Film Studies	10-12	1
Prerequisite: Film Studies			
This course will take key concepts learned from Film Studies and take a deeper look into films and the film industry. This course will focus on helping students develop an active and mature film viewing practice, and investigate film through a more critical and creative lens. We will look at aspects such as the film industry, the production process, the creative storytelling process, and the overall meaning and expression films provide.			

Extra Core

Course No.	Subject	Grade	Credits
4230DC10/20	Shakespeare's Comedies and Tragedies	10-12	1
This course covers the study of 3-4 of Shakespeare's comedies, such as A Midsummer Night's Dream and The Taming of the Shrew, and 3-4 of Shakespeare's tragedies, such as Othello and King Lear. In addition to reading the plays, students will observe the plays through the lenses of film and performance. Students will be expected to read aloud, write analyses, and perform parts of the plays. The first semester will cover Shakespeare's Comedies and the second semester will focus on tragedies.			
5641DC10/20	Psychology	10-12	.5
Psychology is the scientific study of behavior. This course examines such ideas as personality, personality theories, sensations and perceptions, defense mechanisms, attitudes and beliefs, family environment, hereditary concepts, and thinking and problem solving techniques. This course is designed to help the student to understand behavior, behavior disorders, and treatment of behavior disorders.			
5720DC10/20	Sociology	10-12	.5
Sociology attempts to explain people's reactions and responses to their environment as expressed through their social relationships. Students investigate crime, juvenile delinquency, minority groups, prejudice, aging, marriage, and comparative cultures of the world. Class discussions, reports, projects, and experiments will be ways we examine these topics.			
5645AP10/20	AP Psychology	10-12	1
AP Psychology is an advanced study of the field of psychology centered around the many different aspects that influence behaviors and the theories that attempt to explain it. The design of the course is at the college level to prepare students for content requirements established by the College Board and the AP examination to be given at the end of instruction. Students are expected to be responsible for completing course materials, topics and activities related to psychology. Critical thinking skills and observational skills are required.			

Physical Education

Course No.	Subject	Grade	Credits
3320FA10/20	First Aid/Sports Medicine	10-12	.5
This course is a study of the prevention and care of athletic/sport participation injuries. Emphasis is given to proper conditioning and training of the sport participant and emergency responses including CPR certification.			
3320BL10/20	Boys Lifetime Activities and Fitness	9-12	1
This is a wellness class for boys where they will learn about individual, team and lifetime activities in relation to their mental and physical well-being. The course will offer sports for lifelong activities and students will be tested on skills, and rules of the activities presented. This course will promote a physically active lifestyle.			
3320GL10/20	Girls Lifetime Activities and Fitness	9-12	1
This is a wellness class for girls where they will learn about individual, team and lifetime activities in relation to their mental and physical well-being. The course will offer sports for lifelong activities and students will be tested on skills, and rules of the activities presented. This course will promote a physically active lifestyle.			

Competitive Sports

High school athletics are very competitive in nature and are not intended as the introductory point for athletics. Students who wish to participate in one or more of the sports listed below should enroll in athletics. Some sports may hold tryouts before actual enrollment. Coach and athletic director approval will be required. Grade level 9-12.

- Additional equipment and gear is required to participate in several sports.
- Students who participate in competitive sports must have passed six (6) credit subjects the previous semester and be enrolled and passing in all credit subjects weekly.
- All athletic teams will be required to practice and participate outside of the normal school day.

NCAA Student Athlete Requirements:

NCAA Division I and II institutions have adopted certain academic requirements that must be met for a student to qualify for participation (i.e. practice and competition) in intercollegiate athletics and for the receipt of athletically-related financial aid as a freshman. Core curriculum classes taken prior to a student's 9th grade year will not count towards credits required by the NCAA. For more information, please go to www.ncaa.org and download the Guide for the College Bound Athlete. Students should register for the NCAA Clearinghouse at www.ncaaclearinghouse.org

Fall Sports	Spring Sports
3330BF10 Basketball (Boys—Grade 9)*	3330BS20 Baseball (Boys)
3330GF10 Basketball (Girls—Grade 9)*	3330BF20 Basketball (Boys—Grade 9)*
3330BB10 Basketball (Boys—Grades 10-12)*	3330GF20 Basketball (Girls—Grade 9)*
3330GB10 Basketball (Girls—Grades 10-12)*	3330BB20 Basketball (Boys—Grades 10-12)*
3330FF10 Football (Grade 9)	3330GB20 Basketball (Girls—Grades 10-12)*
3330FB10 Football	3330TN20 Tennis (BG)*
3330WR10 Wrestling*	3330WR20 Wrestling*
3330CC10 Cross Country (BG)	3330TK20 Track (Boys & Girls)
3330ST10 Softball (Girls)*	3330ST20 Softball Slowpitch (Girls)*
3330VB10 Volleyball (Girls)*	3330SG20 Soccer (Girls)*
3330CJ10 Cheer JV*	3330SB20 Soccer (Boys)*
3330CH10 Cheer (10-12)*	3330BG20 Golf (Boys)*
3330PM10 Pom*	3330GG20 Golf (Girls)*
3330IA10 Independent Athletics*	3330IA20 Independent Athletics*
3330CS10 Competitive Swimming*	3330CS20 Competitive Swimming*
3330OB10 Off Season Baseball	3330OF20 Off Season Football
3330OG10 Off Season Soccer Girls (10-12)	3330CJ20 Cheer JV*
3330FS10 Off Season Soccer Boys (10-12)	3330CH20 Cheer (10-12)*
3330OT10 Tennis Off-Season (BG)	3330PM20 Pom*
1416DC10 Track Off-Season (BG)	3330CS20 Competitive Swimming*
1411DC10 Golf Off-Season (B)	3330ES20 Esports
1412DC10 Golf Off-Season (G)	
3330ES10 Esports	

** Sports **enrollments will be added by the counselors after the completion of tryouts.**

Independent athletics will be added later once a form is signed and approved by the Principal.

Certain sports also have strength and conditioning hours associated with them. If you make the team for the below sports you will also be enrolled in the strength and conditioning hour.

3320PA10/20	Strength & Conditioning Football
3320PB10/20	Strength & Conditioning Soccer (Boys)
3320PC10/20	Strength & Conditioning Baseball

3320PD10/20

Strength & Conditioning Basketball

3320PE10/20

Strength & Conditioning Wrestling

3320PF10/20

Strength & Conditioning Girls

Miscellaneous Electives

Course No.	Subject	Grade	Credits
2745DC10	Keystone	9	.5
This course is a requirement for all 9th graders. The course will cover healthy lifestyles as well as address state graduation requirements including CPR, Personal Finance, ICAP and Citizenship Test.			
2410DC10	Capstone	12	.5
This course will go opposite the online government course and will address many of the state graduation requirements including financial literacy, CPR, and ICAP.			
8004DC10/12	Introduction to AgriScience	9-12	1
In this course, students will learn more about the development and maintenance of agriculture, minimal systems, natural resources, and other food sources. Students will also examine the relationship between agriculture and natural resources and the environment, health, politics, and world trade. This course is a prerequisite for all future Agricultural Science Classes.			
4301DC10/20	Creative Writing I	9-12	1
This course is designed for students who want to explore the genres of fiction, memoir, poetry, and playwriting. Students will have time to write and type in class and will be expected to share their work with their peers. Students will also collect their writing pieces in a portfolio.			
4302DC10/20	Creative Writing II	10-12	1
Prerequisite: Creative Writing I or permission from instructor In this advanced creative writing class, students will explore their favorite genres of writing. Students will share their pieces in a workshop setting, giving and receiving praise and critiques. They will write a draft of a novel during National Novel Writing Month in November. They will also work as editors on the DCHS anthology, The Red Line.			
4066DC10/20	Mythology	9-12	.5
This course will be an introduction into the study of various areas of mythology. Students will learn about the different cultures involved with the mythos, through studying a variety of representations including film, literature, and art. There will be a focus on the mythology of Greek, Roman, Norse, Egyptian, Medieval, and Native American cultures. The course will also discuss how modern-day media still incorporate and reference mythology into pop-culture.			
4210DC10/20	Reading For Fun	9-12	.5-1
This course is designed for students who love and want to read. Students read books of their own choice. This course will allow time for silent sustained reading as well as book discussions, assignments/projects that promote literacy, and an opportunity for students to improve their reading comprehension through practice. Most assignments can be completed in class. Students are expected to track and record their reading progress and to be able to reflect on their reading habits.			
2415DC10/20	Intro to Business and Communications	9-12	.5
This class is designed to introduce students to the business and communications systems. Students will have			

a better understanding of basic business knowledge and free enterprise. Students will explore the role of an individual in today's business and economic environment as a consumer and producer of goods/services. Career opportunities within the business and communication fields will be introduced. To be successful in this course, students need to have some proficiency in Google Apps as well as Microsoft Excel and Word.

2418DC10/20 Sports Marketing & Entertainment 10-12 .5

Sports Marketing & Entertainment focuses on marketing and management functions that can be applied in amateur/professional sports or sporting events, selling or renting of supplies and equipment used for sporting purposes, or businesses primarily engaged in satisfying the desire to make productive or enjoyable use of leisure time. The goal and emphasis of Sports Marketing & Entertainment is for students to be able to use the skills taught in this course to promote Deer Creek High School athletics in a positive manner.

2401DC10/20 Accounting 10-12 1

Online Accounting will provide students with a strong foundation in generally accepted accounting principles (GAAP) and techniques needed for success in careers in accounting or other business-related fields. Students will use the online program Aplia to help guide them on learning the basic concepts and skills of Accounting.

4240DC10/20 Yearbook 9-12 1

This course deals with the principles of layout and design as well as desktop publishing, Adobe, copywriting, advertising, and editing. Students are responsible for the annual production of the school's yearbook. Grade requirements include meeting deadlines, photographing events, and completing page layouts. A summer workshop must be attended by all staff members.

2410DC10/20 Business Education Work Study 10-12 1

Prerequisite: 16 years of age

This course allows students to explore work/career interests, as well as, learn employment and life skills through a paid work experience. Students may take this course for two hours each semester and may be released from one period of the school day for each hour enrolled in this course. Students must work a minimum of 75 total hours to earn .5 credit per semester. Students are responsible to find their own work experience. Must have a valid driver's license and form of transportation. Students are not allowed to stay on campus during the time they are assigned to work study.

2775SL10/20 Service Leadership 11-12 1

This is a service learning program in which students will be released one period a day. Students must volunteer a minimum of 50 hours per semester with one non-profit organization. Students are not allowed to stay on campus during the service leadership hour.

5790DC10/20 Internship I 11 1

Internship allows students to engage in a structured and supervised experiential learning opportunity providing practical experience in their career field of interest. Internships are appropriate career development activities offering career engagement and skills application for juniors and seniors. Internships also allow students to learn workplace readiness and entry level skills and potential certifications or microcredentials. Students are expected to find their own internship opportunities and must intern at least 50 total hours to earn the .5 credit per semester.

5791DC10/20 Internship II 12 1

Internship allows students to engage in a structured and supervised experiential learning opportunity providing practical experience in their career field of interest. Internships are appropriate career development activities offering career engagement and skills application for juniors and seniors. Internships also allow students to learn workplace readiness and entry level skills and potential certifications or microcredentials. Students are

expected to find their own internship opportunities and must intern at least 50 total hours to earn the .5 credit per semester.

2419DC10/20	Office Aide	12	1
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Prerequisite: Passing grades and no serious disciplinary issues

This course is an introduction to office procedures and concepts which focus on skills necessary for office workers at every level. The duties of aides are alphabetizing, and sorting, as well as taking messages to students at the request of the office. Students will be selected from among the applicants.

4140DC10/20	Media Center Aide	12	1
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Prerequisite: Media Center Specialist Approval

This course is designed for students who want to learn more about working in a library media center. Responsibilities include assisting with book check in and out, technology help, cafe help, and other duties as assigned. Students will be graded on successful completion of assigned tasks each week.

2775DC10/20	Service Learning	9-12	1
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Prerequisite: Teacher approval and interview

This course is designed to develop an understanding of special education and related services. Students enrolled in this course will work with students either at the high school, middle school, or elementary school level. Peer tutors will work one-on-one with students, in group settings, and in mainstream classes. Grades will be based on attendance, performance during instruction (teacher evaluation), and classroom assignments.

2761PM10/20	Peer Mentoring	11-12	1
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Prerequisite: Teacher approval/Application

This course allows students to build leadership skills by mentoring students at the elementary and middle school campuses. This is a year-long course that counts as an elective credit. Students must fill out an application and go through an interview process before they can take this class.

2775TS10/20	Technology Service Learning	11-12	1
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Prerequisite: Media Center Specialist Approval, Advanced Computer Skills

This course is designed for students who already know a great deal about technology and want to get hands-on experience working with technology. Students enrolled in this course will report to the librarian. They will be responsible for assisting teachers with any technical needs in the building as well as helping the technology department as needed. Students will receive an elective credit for this course, and grades will be based on attendance, performance, customer service, and attitude.

2740DC10/20	ACT Prep	9-12	.5
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One semester of this course is designed to give strategies and techniques to improve scores on the ACT test.

2001DC10/20	Teen Leadership	9-12	.5
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The course builds personal responsibility and leadership skills through role plays, group activities, speeches, and projects.

Concurrent Enrollment Classes

College At The Creek

Depending on enrollment, these concurrent courses will be available on site at DCHS taught by university staff from The University of Central Oklahoma. Students must have a minimum 3.0 unweighted GPA and/or 20 ACT composite in order to be enrolled. In addition, students must have a 19 ACT subscore in the subject area they are wishing to enroll in (ex. 19 in Math for College Algebra). During times when not scheduled to attend a Deer Creek class or to be in a college class, students should be in the concurrent study hall room or cannot be on campus.

Seniors receive a tuition waiver from the state of Oklahoma for up to eighteen college credit hours. However, parents/students must pay all fees associated with the class. **The University of Central Oklahoma offers Juniors a scholarship for up to nine hours of tuition waiver.** Juniors must pay for fees associated with each course. These courses begin the college transcript and will transfer course grades to any college attended in the future.

Credit for college classes is placed on both the high school and college transcripts. The grade on the high school transcript is calculated into the high school grade point average with a weight of .5. (This is the same weighting given to an honors course.) Students will receive one full high school credit for each three hour college course completed.

Students struggling in a college class can withdraw by contacting their high school counselor who will help with the process. As long as withdrawal occurs before the college's designated withdrawal date, students will receive a "W" on the college transcript which will not affect the gpa on the college transcript. However, if a student withdraws after the first 10 days of the semester, a "NC" (no credit) will be transcribed on the high school transcript. A "NC" is calculated into the high school grade point average like an "F".

POLS 1113	American Natural Government	11-12	1
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An introductory analysis of the origin, structure, and functions of the United States national government. This course also meets the high school graduation requirement for a Government Class.

HIST 1493	History of US History Since 1877	11-12	1
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US History since 1877 is a survey of US History from the post-bellum period to the present. This course also meets the high school graduation requirement for a US History course.

PSYC 1113	Psychology	11-12	1
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This course is a comprehensive survey of the major academic subdivisions within the field of Psychology. Special emphasis is placed on developing an introductory understanding of current psychological terminology and reference studies. This course generally fulfills a college Social Science requirement.

MATH 1453	Applied Algebra	12	1
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Prerequisite: 3 years of high school mathematics

This course is designed to prepare students for Trigonometry, BioCalculus, Math Analysis for Business, and quantitative courses in non mathematical fields. Topics include Algebra, properties and analysis of functions, and modeling. In particular, this course covers: linear, power, polynomial, rational, exponential, and logarithmic functions (and their applications); solving equations; building, analyzing, and interpreting mathematical models and graphs. This course also meets the high school graduation requirement for one math credit.

MCOM 1113	Fundamentals of Speech	11-12	1
This course introduces elements of speech and principles of effective speaking in public. Emphasis is placed on performance and skills in preparing and presenting a public speech.			
ENGL 1113	English Composition I	12	1
Prerequisite: English III or AP Language			
The course provides instruction in college level writing, covering grammatical skills, rhetorical issues, and cognitive abilities necessary to produce effective academic prose. The primary purpose of first-year English is to produce writers of competent expository prose by providing an environment, which acts as an initiation into the academic world. This course also meets the high school graduation requirement for English IV S1.			
ENGL 1213	English Composition II	12	1
Prerequisite: English Composition I			
The primary purpose of this course is to help students write clear, concise, and coherent academic prose in both expository and persuasive modes. The major emphasis of the course will be in improving research and investigative skills. This course also meets the high school graduation requirement for English IV S2. Students who pass the AP Language exam with a 3 or higher may go directly into Comp II.			
PHYS 1003	Intro to Physics	11-12	1
Prerequisite: Two years of high school Algebra			
This is a survey course in the fundamentals of mechanics, thermophysics, electricity, magnetism, sounds and optics for students who desire a one semester course in physics. This course is not in the physics major sequence.			