

# NORMAN

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## PUBLIC SCHOOLS

### 2023-2024

# High School Course Catalog



A student's guide to high school courses and programs designed to build a  
successful future.

**INTEGRITY | INCLUSIVENESS | COLLABORATION | OPTIMISM**

Dear Parents and Students,  
This booklet has been designed to help you make some very important decisions for your future.

State law requires eighth grade students entering the ninth grade to complete the College Preparatory /Work Ready Curriculum outlined in the statute, unless the student's parent or legal guardian approves the student to enroll in Core Curriculum. Successful completion of either curriculum will result in accomplishment of a standard diploma.

Please consult with your teachers, counselors, advisors, administrators and parents.

**Discrimination / Harassment Disclaimer** - Discrimination and/or harassment of students are prohibited by Norman Public Schools. It is the intent of the District to be nondiscriminatory to all students regardless of race, color, sex, national origin, religion, disability, veteran status, sexual orientation, age or genetic information.

**Disclaimer** - The policies and regulations of Norman Public Schools' Board of Education supersede all information provided in this catalog. For more information refer to the Board of Education Policies and Administrative Regulations online at <http://www.normanpublicschools.org/Page/2252>.



**Director Paul Tryggestad**  
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Dear Dimensions Academy Student,

I want to welcome you to our wonderful program where you will become a part of an inclusive community that focuses on engaging academics and meaningful relationships. Our mission statement is "Connecting students to their future; restoring hope." When you graduate, our hope is that we will have prepared you for whatever path you choose, whether you start off attending college or head to the workplace.

Each of you applied to attend Dimensions for unique reasons. We know that many of you have huge obstacles in your path and are experiencing challenging circumstances that have made the traditional high school experience difficult. We know that at Dimensions you will find the support you need to graduate from high school while navigating the challenges in your path.

We believe that at Dimensions you will find supportive teachers who will teach you the academic content and life skills necessary for success. If Dimensions doesn't offer the fine arts, athletics, or other courses you wish to take, you will be able to take those classes at the traditional high school.

Dimensions is committed to connecting you to your future and restoring your hope.

Paul Tryggestad, Director  
Dimensions Academy

#### Dimensions Counselor Information

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## Norman High School Principal Hallie Wright

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#### Norman High School Counselor Information

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## Norman North High School Principal Dr. Kim Garrett

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## Expanded Online Education Coordinator Kevin Hogan

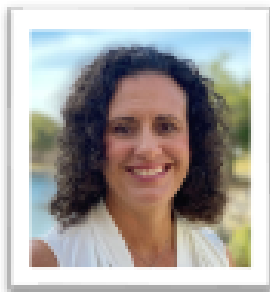
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#### Expanded Counselor Information

9th-12th	<b>Kate Rauch</b>	<a href="mailto:krauch@normanps.org">krauch@normanps.org</a>
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## Dear Norman High School Students:



Dear Students and Parents: Welcome to Norman High School, Home of the "Tigers"

You are about to embark on an adventure where you will learn who you are and who you will be! The first step in this journey is deciding what courses you will take. We are pleased to provide this Course Description Guide in order to help you build a strong academic foundation for the future.

The academic experience at NHS is designed to prepare every student for success; this success depends heavily on the decisions made regarding a student's educational program. A typical graduate will experience 24-28 courses during their four-year high school career. Selecting classes for next year should involve discussion with your parents or guardians about your goals and aspirations for the future. Careful consideration should be given in making selections that will best prepare you for life after graduation. Are you college bound? Are you thinking of technical training after high school? What post secondary training and employment do you want to pursue? Dream and plan so that your high school education at NHS is the stepping-stone to a bright future.

Students can make the most of their high school experience by choosing a variety of subjects and challenging coursework. This guide is designed to assist you in developing the best possible course of study. Students, as you develop your plan, consider course offerings that will best help you achieve your goals. We encourage NHS students to explore their interests and dream big!

It is our hope that your Tiger experience at Norman High School will be filled with rewarding and unique course offerings that will help you find your passion and discover your interests for years to come. Please use this guide as one tool in helping you on this journey and take time to carefully review the descriptions and prerequisites for all elective course offerings. I encourage you to discuss questions you may have with your family, friends, NHS counselors, teachers, principals, and staff members along the way. A close relationship among team members is essential, and by working together, we will enable our students to achieve their goals in high school, college, and career.

The staff at Norman High School is committed to providing you with a meaningful and rigorous experience while also creating a caring environment in which you feel safe and supported to challenge yourself. Set high expectations for yourself and embrace new challenges. We look forward to providing you a positive, enriching, and nurturing school environment at Norman High School. On behalf of the entire Norman High School family, I extend my sincere wishes to you for a successful and rewarding high school career!

Good luck in this very important process!

Go Tigers!

Hallie Wright, Principal  
Norman High School

## Dear Norman North High School Students:



Welcome to Norman North High School!  
It is my honor to welcome you to our terrific school. At North, our goal is to help you enjoy your time with us while providing you with experiences that will help you move into your next chapter of life with the necessary knowledge, abilities, and confidence to achieve your goals and dreams.

At North, we want you to have a high school experience which allows you to explore different career interests, deepen your academic knowledge through rigorous courses, and develop a plan for life after high school. NNHS boasts incredible fine arts, athletics, and elective courses that will challenge you to grow and better define who you are. Through participation in a variety of career exploration opportunities, we will provide you with ways to explore potential career paths. By the time you leave Norman North, our goal is that you will do so with a specific plan to achieve your individual career goals.

During your high school journey, I want to encourage you to take the most rigorous pathway possible. If you are considering college, challenge yourself to take one or more Advanced Placement (AP) courses. Taught by specially-trained high school instructors, these courses teach college-level curriculum which requires students to learn advanced study, reading, writing, and thinking skills—the very skills that will support college success. AP courses are open to all students in grades nine through twelve and provide students with the opportunity to earn college credits by taking the AP test at the end of each AP course. Juniors and seniors also have the opportunity to take concurrent courses. These courses are taught by college instructors and give students the opportunity to experience an actual college course while still receiving the support of home and high school. Both of these experiences can dramatically impact your ability to graduate successfully from college.

Another educational pathway to consider besides college is through a technical center, such as Moore-Norman Technology Center. Juniors and seniors can apply to MNTC and, if accepted, learn additional job skills that lead to certifications, licenses, and employment. MNTC places an emphasis on experiential learning and hands-on training.

In addition to career planning, we want to assist you in growing into your best self! Each of us needs to feel valued, not for what we do or achieve but simply for who we are. We believe that we become better human beings as we support others in also feeling valued. Relationships matter. Kindness matters. While achievement and success are important, so is our emotional health. We want you to be part of the supportive community of NNHS so that you can build the resilience needed to overcome challenges, manage stress, and find joy in your life.

The faculty, counselors, and administrators at North are dedicated to making your experience at NNHS the best it can be. Please do not hesitate to let us know how we can support you!

Sincerely,  
Dr. Kim Garrett  
Principal, Norman North High School

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# High School Graduation Requirements

Norman Public Schools Requires **23 TOTAL UNITS OF CREDIT FOR HIGH SCHOOL GRADUATION**. Credits are earned from either *College Preparatory/Work Ready Curriculum* or *Core Curriculum*. In addition to the coursework listed on each chart below, Norman Public Schools' students must complete **ICAP Requirement, Personal Financial Literacy (embedded in US Government) and the CPR/AED requirements** stipulated by state law. Students must also participate in all **required state assessments**.

The subsequent pages in this section provide graduation checklists for both College Preparatory/Work Ready Curriculum and Core Curriculum requirements. These Checklists can also be accessed online at the following link: <http://tinyurl.com/h543gyp>.

College Preparatory/Work Ready Curriculum			
Curriculum Requirement	Graduation Year 2024	Graduation Year 2025	Graduation Year 2026
Language Arts	4	4	4
Mathematics	3 (Algebra I or above taken 9- 12)	3 (Algebra I or above taken 9-12)	3 (Algebra I or above taken 9-12)
Laboratory Science	3 (1-Life Science, 1-Physical Science, 1- w/rigor above Bio I or Physical Science)	3 (1-Life Science, 1-Physical Science, 1- w/rigor above Bio I or Physical Science)	3 (1-Life Science, 1- Physical Science, 1-w/ rigor above Bio I or Physical Science)
History or Citizenship Skills	3 (1/2-OK History, 1-World History/Other approved course, 1 US History, ½ US Govt.)	3 (1/2-OK History, 1-World History/Other approved course, 1 US History, ½ US Govt.)	3 (1/2-OK History, 1-World History/Other approved course, 1 US History, ½ US Govt.)
World Languages (WL)	2 of same or 2 CT	2 of same or 2 CT	2 of same or 2 CT
Computer Technology (CT)	2 or 2 of same WL	2 or 2 of same WL	2 or 2 of same WL
Additional Unit	1 (from above or CT elective, concurrent enrollment, AP, IB approved for college entrance)	1 (from above or CT elective, concurrent enrollment, AP, IB approved for college entrance)	1 (from above, or CT elective, concurrent enrollment, AP, IB approved for college entrance)
Fine Arts/Speech	1	1	1
Electives	6	6	6
Total Req. Units	23	23	23

Core Curriculum				
Curriculum Requirement	Graduation Year 2023	Graduation Year 2024	Graduation Year 2025	Graduation Year 2026
Language Arts	4	4	4	4
Mathematics	3	3	3	3
Science	3 (can include qualified Agriculture Classes)	3 (can include qualified Agriculture Classes)	3 (can include qualified Agriculture Classes)	3 (can include qualified Agriculture Classes)
History & Citizenship Skills	3	3	3	3
Computer Tech	1	1	1	1
Fine Arts/Speech	1	1	1	1
Electives	8	8	8	8
Total Req. Units	23	23	23	23

# College Prep/Work Ready Graduation Checklist

[Fillable & Printable Form Link](#)

*23 units or sets of competencies are required to meet state graduation requirements.*

Coursework Requirements	
English (4)	Lab Sciences (3)
<p>(Sem 1) (Sem 2)</p> <p>_____ English I</p> <p>_____ English II</p> <p>_____ English III</p> <p>_____ English IV</p> <p>_____ Other Approved Course (AP English III, AP English IV, AEGIS English III, AEGIS IV, Comp 1, Comp 2)</p>	<p>(Sem 1) (Sem 2)</p> <p>_____ Physical Science</p> <p>_____ Biology I</p> <p style="text-align: center;"><b>AND</b></p> <p>_____ Other Physical Science (Physics, Chemistry, AP Physics, AP Chemistry)</p> <p style="text-align: center;"><b>OR</b></p> <p>_____ Other Life Science _____ (Forensic Science, AP Biology, AP Environmental, Anatomy and Physiology, Zoology)</p> <p style="text-align: center;"><b>OR</b></p> <p>_____ Other Earth/Space Science _____ (Astronomy, Geology, Meteorology)</p>
Mathematics (3)	World Language OR Technology (2)
<p>(3 are required in grades 9-12)</p> <p>(Sem 1) (Sem 2)</p> <p>_____ Algebra I</p> <p>_____ Geometry</p> <p>_____ Intermediate Algebra*</p> <p>_____ Algebra II</p> <p>_____ Algebra III/Trigonometry</p> <p>_____ AP Pre-Calculus</p> <p>_____ Other Approved Courses (AP Calculus AB, AP Calculus BC, AP Statistics)</p>	<p>(Sem 1) (Sem 2)</p> <p>_____ 1st year of Language: _____</p> <p>_____ 2nd year of <b>same</b> Language (Spanish, French, Chinese, German, Latin)</p> <p style="text-align: center;"><b>OR</b></p> <p>_____ 1st year of Computer Technology</p> <p>_____ 2nd year of Computer Technology (Excludes keyboarding or typing courses)</p>
Social Studies (3)	Fine Arts or Speech (1)
<p>(Sem 1) (Sem 2)</p> <p>_____ ½ Oklahoma History</p> <p>_____ ½ Government</p> <p>_____ U.S. History</p> <p>_____ Other Approved Course</p>	<p>(Sem 1) (Sem 2)</p> <p>_____ Music, Art, Dance, or Drama</p> <p>_____ Humanities</p> <p>_____ Speech or Communications</p>
Electives (6)	Additional Requirements (1)
<p>(Sem 1) (Sem 2)</p> <p>_____ Elective 1</p> <p>_____ Elective 2</p> <p>_____ Elective 3</p> <p>_____ Elective 4</p> <p>_____ Elective 5</p> <p>_____ Elective 6</p>	<p>_____ Choose <b>either</b> one of the following subjects: (English, Math, Science, History, World Languages, Computer Technology)</p> <p style="text-align: center;"><b>OR</b></p> <p>_____ one of the following courses approved for college admission: (Career Technology Education, Concurrently Enrolled, Advanced Placement, International Baccalaureate)</p> <p><b><u>REQUIRED TO COMPLETE:</u></b></p> <p>_____ SAT</p> <p>_____ CPR</p> <p>_____ CCRA History and Science tests</p> <p>_____ ICAP</p> <p>_____ Personal Financial Literacy (Integrated into Government / must pass 14 competencies)</p>

*Beginning with the class of 2025, all students must take a citizenship test as a requirement to graduate.*

All course offerings are dependent on student interest and enrollment. [Return to Table of Contents](#)

## General Enrollment Information

**Conferences with teachers, advisors, and counselors provide additional information to help students select courses.**

- The course descriptions that follow were formulated by Norman Public Schools' teachers and directors to provide information for students, parents, counselors, teachers, and other interested persons.
- **The listing of a course does not ensure that the course will be offered. All course offerings must have sufficient student interest, enrollment and teacher availability to justify its inclusion in the schedule.**
- Courses may include prerequisites, teacher recommendations and certain requirements that guide students and parents in accurate course selections. It is important to follow these guidelines in order to enhance the student's opportunity to succeed.
- **Classes cannot be added, changed, or dropped after the second week of a semester.**
- Similar core courses will be offered at each high school. Elective courses may vary due to student enrollment and staff availability. Courses offered at only one high school will be indicated after the course title.
- Students entering the Norman Public Schools from out of district will be evaluated from official transcripts completed in those schools. The Oklahoma Department of Education requires that students from non-accredited schools be tested in all courses transferred. To receive credit for coursework from non-accredited private schools, homeschooling or online programs not affiliated with NPS, students must pass appropriate subject exams.
- Our Course Progressions page will assist you in your course decisions: <https://www.normanpublicschools.org/Domain/76>
- Advanced Placement courses are offered at both high schools. Advanced Placement (AP) courses are taught as college level courses and students can take the AP examination in May for possible college credit. There is a fee charged for the test.
- Students who plan to attend out-of-state and private in-state colleges and universities should be aware that the requirements vary. Students are encouraged to contact colleges concerning their entrance requirements.
- Moore Norman Technology Center (MNTC) furnishes an excellent opportunity for Norman High and Norman North students to learn technological/vocational skills. For more specific information, see the Moore Norman Technology course descriptions at the end of this catalog in the Course-to-Career Resource Guide.
- The Norman Public School District provides Credit-by-Exam. Proficiency for advancing to the next level of study must be demonstrated by obtaining 90% or better on the proficiency test. More information can be found at <http://www.normanpublicschools.org/domain/2089>.
- Students who plan to retake a course, with the intention of raising their grade point average, should enroll in that course the following year or take the course in summer school.
- Students who are currently enrolled in, or who have successfully completed all of the graduation requirements for the anticipated graduation class will be classified as a senior.
- Classes are provided for students who qualify under the Individuals with Disabilities Education Act as outlined on their Individual Education Program (IEP).
- High School online learning opportunities can be found at <https://www.normanpublicschools.org/expanded>

## Summer School Programs

Norman Public Schools offer a tuition-based summer school program for high school credit. All courses are subject to sufficient enrollment. Students are encouraged to register and pay fees in advance. Summer school enrollment information is available on the district's website after spring break. <https://www.normanpublicschools.org/Domain/2436>

## Concurrent Enrollment

**Want to try out college before leaving high school?**

Consider signing up for concurrent enrollment. If you are in 11<sup>th</sup> or 12<sup>th</sup> grade and have made good grades throughout school or scores well on the ACT or SAT, you might consider taking credit-earning college courses while still in high school.

All concurrent students must have a signed statement from the high school principal or counselor stating that they are eligible to satisfy requirements for graduation from high school (including curricular requirements for college admission) no later than the spring of the senior year and must also provide written permission from a parent or legal guardian.

A high school student may enroll in a combined number of high school and college courses per semester not to exceed a full-time college workload of 19 semester credit hours. For purposes of calculating workload, one-half high school unit shall be equivalent to three semester credit hours of college work.

Also, concurrent students may not enroll in remedial (zero- level) course work offered by colleges and universities designed to remove high school deficiencies.

Courses taken concurrently in college will be transcribed and may be counted for credit toward high school graduation requirements and used in the calculation of the high school grade point average and class rank.

High school seniors who meet the eligibility requirements are entitled to receive tuition waivers for up to eighteen credit hours.

Use this link to learn more about courses offered, tuition, fees and how to enroll:

<https://docs.google.com/document/d/1sDTTcl0MSLn39EjUs7Civ-FGnRfxjINxv6aPbrlrcJs/edit?usp=sharing>

## Classification

In order to be promoted to the next grade level, students must have acquired credits as follows:

To move from:	Student must have earned at least:
9 <sup>th</sup> to 10 <sup>th</sup> grade	Five (5) credits
10 <sup>th</sup> to 11 <sup>th</sup> grade	Eleven (11) credits
11 <sup>th</sup> to 12 <sup>th</sup> grade	Seventeen (17) credits
12 <sup>th</sup> grade	To be classified a senior, the student must have academic standing that would qualify them to graduate during the current school year.

## Senior Year Schedule

The State Board of Education requires that all students in grades 9-12 enroll in a minimum of 6 periods of rigorous coursework regardless of their total credit count. These courses may be made up of traditional courses, vocational programs, internships, concurrent college courses or other opportunities that are available to Norman students.

## NPS ExpandedED Online Courses

- ExpandedED is an innovative program designed to serve any K-12 student who is enrolled in Norman Public Schools and would benefit from a customized, self-paced, virtual education solution.
- Students are guided through an online curriculum by Norman Public Schools teachers who work closely with the student and parent to customize lessons as needed.
- Teachers monitor student progress weekly through video calls, email or phone. The parent plays an important, supportive role to help the student stay on task and ensure follow-through on assignments. However, high school students also are expected to start managing their own time and academic schedule.
- Students have the flexibility to complete all of their coursework outside the traditional school building or blend their learning experience by attending some classes at school. This gives the students the unique opportunity to participate in on-site extracurricular activities, including 6A athletic teams, fine arts programs and/or clubs.
- Enrollment in blended courses will be approved pending the in-person schedule.



### Oklahoma Aviation Academy

- (OAA) is a comprehensive Science, Technology, Engineering, Arts, and Mathematics Academy (STEAM) themed around Aviation and Aerospace.
- Students spend 2-3 hours daily enrolled in Aviation I or II. The Aviation classes follow the Airline Owners and Pilots Association (AOPA) High School STEAM Curriculum.
- Classes are held at MAX Westheimer Airport, allowing the students to immerse themselves in aviation.
- Students attend 2-3 classes daily in either the am or pm, taking aviation, math, and English courses.
- Students return to their home site for the remainder of the daily schedule and for extracurricular activities.
- Industry connections are maximized for students with field trips, experiences, speakers, and connections with industry partners.
- Students can work toward a private pilot's license or a commercial drone certificate while enrolled in the OAA program.
- Students can take and participate in coursework that supports a variety of aviation and aerospace tracks such as private pilot, unmanned aerial systems (drones), meteorology, engineering, computer science/ cyber security, airport management, air traffic control, and airframe and powerplant mechanic (A & P).
- OAA has open enrollment through an application process for any student interested in an aviation aerospace career at the link below:

<https://www.normanpublicschools.org/Page/3406>



### What is Oklahoma's Promise?

Oklahoma's Promise offers qualified Oklahoma students an opportunity to earn a scholarship for college tuition.

### Who can apply for Oklahoma's Promise?

- Must be an Oklahoma resident.
- Must enroll in the 8th, 9th, 10th or 11th grade.
- Must be a student whose parents' federal adjusted gross income does not exceed:
  - \$60,000 with 1 or 2 dependent children OR
  - \$70,000 with 3 or 4 dependent children OR
  - \$80,000 with 5 or more dependent children.

### What is the Promise?

Upon completion of the program's requirements, you will earn:

- Tuition at an Oklahoma public two-year college or four-year university. -OR-
- A portion of tuition at an accredited Oklahoma private college or university. -OR-
- A portion of tuition for courses at public technology centers that are approved for credit toward an Associate in Applied Science degree at a public college.

### High School Requirements

- Graduate from an Oklahoma high school or homeschool education program.
- Take the 17 units of college prep high school courses (listed below) and achieve at least a 2.50 cumulative GPA in those courses and for all courses in grades 9-12.
- Apply for other financial aid during your senior year of high school.

### 17 units of high school courses you need to take?

- **4 ENGLISH** (grammar, composition, literature; courses should include an integrated writing component)
- **3 LAB SCIENCE** (biology, chemistry, physics or any lab science certified by the school district; general science with or without a lab may not be used to meet this requirement)
- **3 MATHEMATICS** (from Algebra I, Algebra II, geometry, trigonometry, math analysis, pre-calculus [must have completed geometry and Algebra II], calculus, Advanced Placement [AP] statistics)
- **3 HISTORY AND CITIZENSHIP SKILLS** (including 1 unit of American history and 2 additional units from the subjects of history, economics, geography, government, non-Western culture)
- **2 FOREIGN OR NON-ENGLISH LANGUAGE** (two years of the same language)
- **OR COMPUTER TECHNOLOGY** (two units in programming, hardware or business computer applications, such as word processing, databases, spreadsheets and graphics, will qualify; keyboarding or typing classes do NOT qualify)

1 foreign language and 1 computer course **WILL NOT** meet this requirement.

- **1 ADDITIONAL COURSE** (from any of the subjects listed above or psychology, sociology or any concurrent liberal arts and science course at a state system institution)
- **1 FINE ARTS** (music, art, drama) **OR SPEECH**

**Apply Online:** <http://www.okpromise.org> or get an application from your counselor.

**Remember, the student is ultimately responsible for completing the program requirement.**



## NCAA Information

If you are interested in learning about becoming a college bound student athlete you may begin by creating a free profile as early as middle school. Future student athletes will need to register with NCAA to play sports at a Division I or II school. Find more information about the NCAA Eligibility at NPS website:

<https://www.normanpublicschools.org/Page/2864>

or NCAA website:

<https://www.ncaa.org/sports/2021/2/10/about-what-we-do-academics.aspx>

### DIVISION I

To play sports at a Division I school, you must **graduate from high school and meet ALL** the following requirements:

1. Complete 16 NCAA core courses:

- ☐ 4 years of English
- ☐ 3 years of math (Algebra 1 or higher)
- ☐ 2 years of natural/physical science (including one year of lab science if your high school offers it)
- ☐ 2 years of social science
- ☐ 1 additional year of English, math or natural/physical science
- ☐ 4 additional years of English, math, natural/physical science, social science, foreign language, comparative religion or philosophy

For Division I - (10) of the (16) NCAA approved core course credits must be completed **before your seventh semester**, including seven in English, math or natural/physical science.

2. Earn at least a 2.3 GPA in your NCAA core courses.
3. Earn an ACT sum score or SAT combined score that matches your core-course GPA on the Division I sliding scale.

### DIVISION II

To play sports at a Division II school, you must **graduate from high school prior to full-time collegiate enrollment and meet ALL** the following requirements:

1. Complete 16 NCAA core courses:

- ☐ 3 years of English
- ☐ 2 years of math (Algebra 1 or higher)
- ☐ 2 years of natural or physical science (including one year of lab science if your high school offers it)
- ☐ 2 years of social science
- ☐ 3 additional years of English, math or natural or physical science
- ☐ 4 additional years of English, math, natural or physical science, social science, foreign language, comparative religion or philosophy.

2. Earn at least a 2.2 GPA in your NCAA core courses.

3. Earn an ACT sum score of 70 or an SAT combined score of 920.

### DIVISION III

❖ Division III is the Association's largest membership division, with more than 175,000 student-athletes and 439 member schools.

❖ Division III colleges and universities develop student-athlete potential through a holistic, comprehensive educational approach that includes rigorous academics, competitive athletics, and the opportunity to pursue other interests and passions on campus, in the community and beyond.

❖ Division III minimizes potential conflicts between athletics and academics through a prohibition on athletics-based financial aid, shorter playing and practicing seasons, a lower number of contests, a ban on redshirting and out-of-season organized activities, and a focus on regional in-season and conference play.

❖ Division III college-bound student athletes are not certified by the NCAA Eligibility Center because Division III colleges and universities each set their own admissions standards.

❖ College-bound student-athletes should contact their Division III College or University of interest regarding policies on admission, financial aid and athletics eligibility.

## NCAA Helpful Links

Division I Eligibility Center:

<https://www.ncaa.org/sports/2014/10/24/play-division-i-sports.aspx>

Division II Eligibility Center:

<https://www.ncaa.org/sports/2014/10/24/play-division-ii-sports.aspx>

Division III Eligibility Center:

<https://www.ncaa.org/sports/2014/10/24/play-division-iii-sports.aspx>

NCAA Registration Checklist:

[http://fs.ncaa.org/Docs/eligibility\\_center/Student\\_Resources/Registration\\_Checklist.pdf](http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/Registration_Checklist.pdf)

Frequently asked questions:

<https://ncaa.egain.cloud/kb/EligibilityHelp/home>

Register with the NCAA Eligibility Center:

<https://web3.ncaa.org/ecwr3/>

NPS website:

<https://www.normanpublicschools.org/Page/2864>

NCAA website:

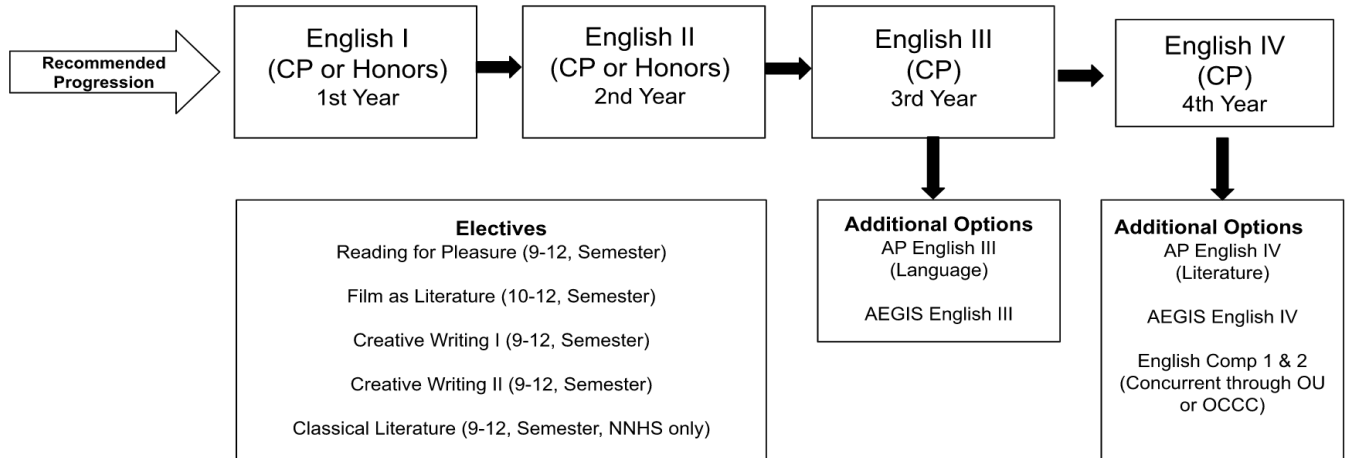
<https://www.ncaa.org/sports/2021/2/10/about-what-we-do-academics.aspx>

# CORE Pathways

## ENGLISH LANGUAGE ARTS

### English Language Arts Graduation Requirements

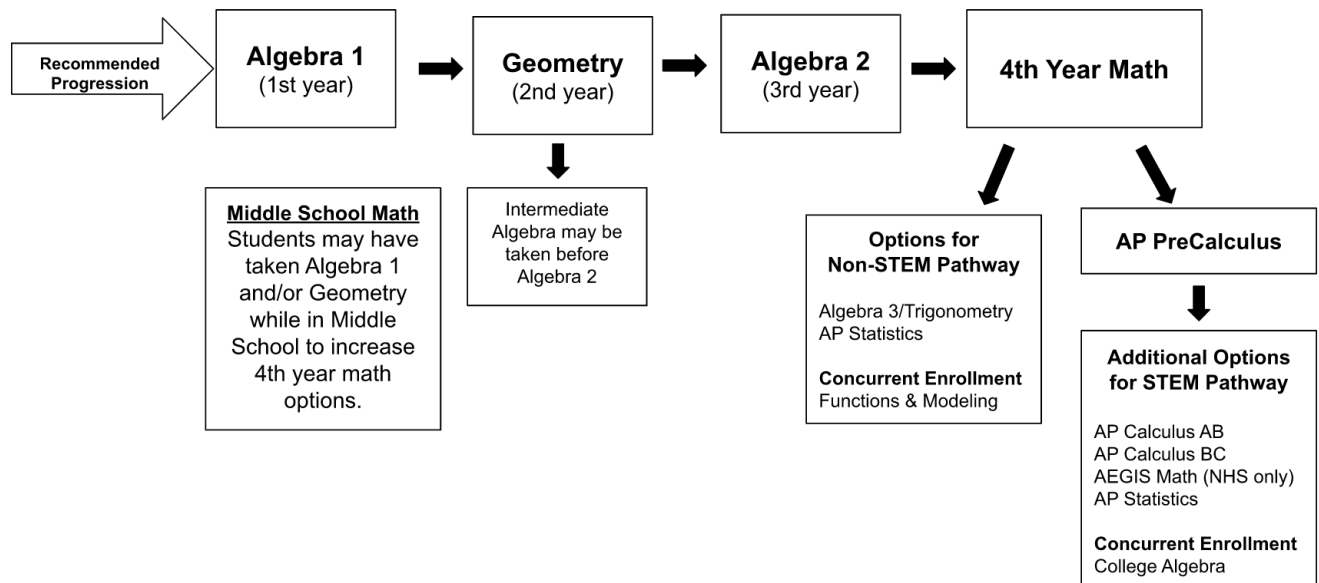
Students must complete English I, English II, English III, and English IV or equivalent alternative options to be eligible for graduation.



## MATHEMATICS

### Math Graduation Requirements

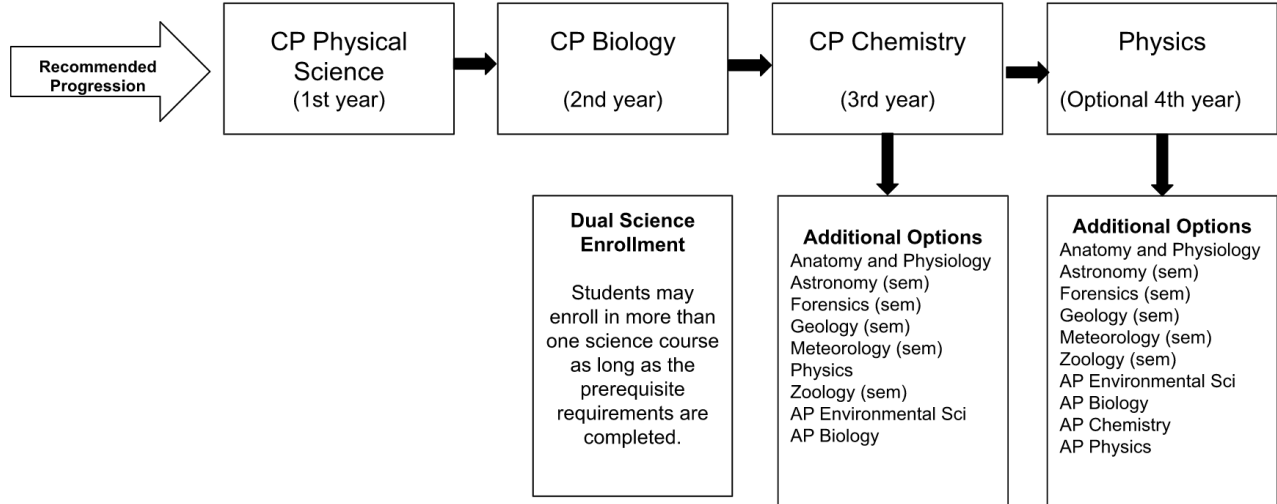
Students must complete 3 math credits while in High School. Additional 4th year math course recommendations are based on post secondary math pathways.



# SCIENCE

## Science Graduation Requirements

Students must complete 3 lab sciences in order to graduate; a physical science (physical science, chemistry, or physics), Biology, and one additional lab science.

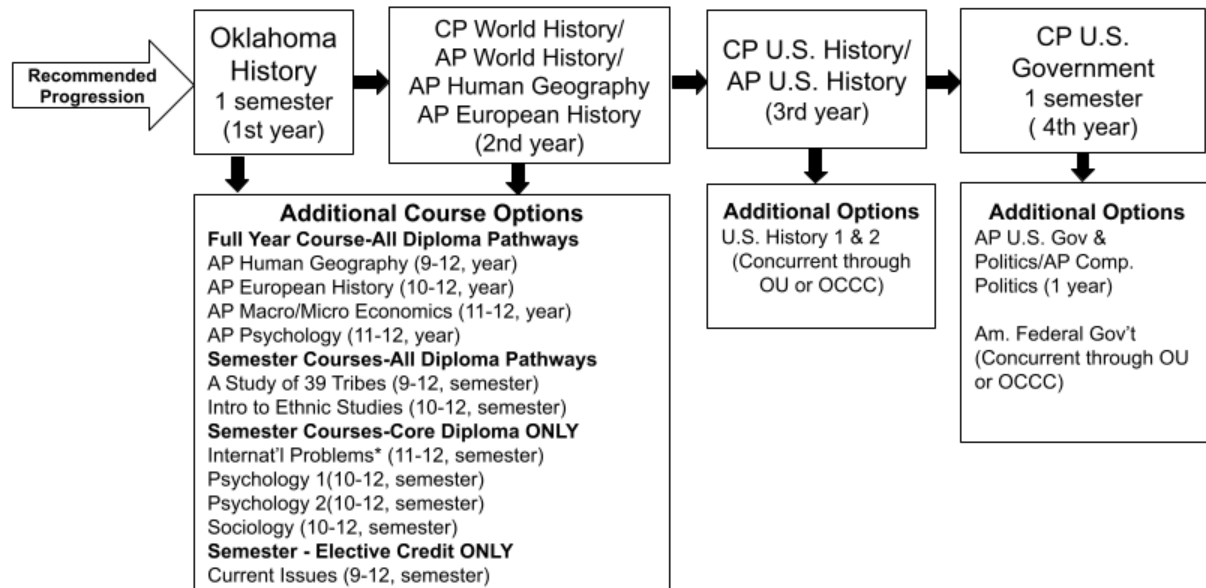


# SOCIAL STUDIES

## Social Studies Graduation Requirements

Students must complete 4 social studies courses (3 units) in order to graduate; Oklahoma History (½ Unit), U.S. History (1 unit), U.S. Government (½ Unit), and one additional unit social studies course.

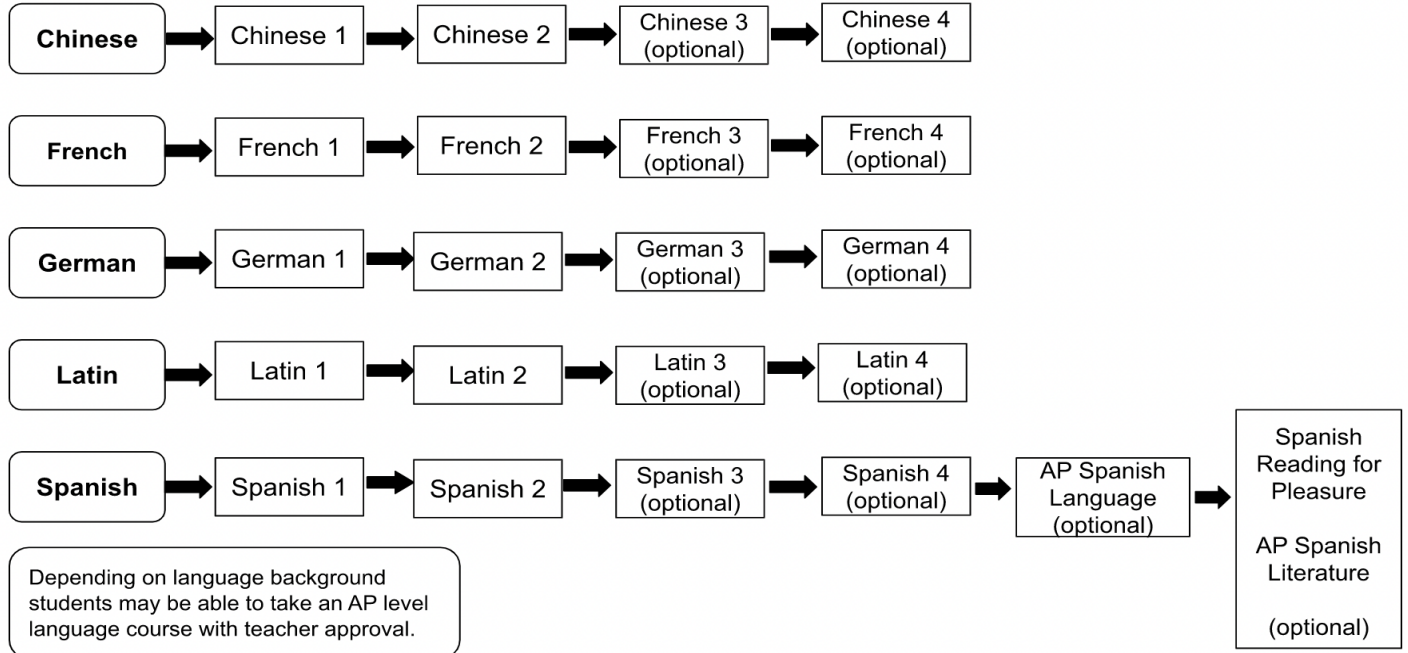
**Note: Some courses may be used to meet graduation requirements for All Diploma Pathways while other courses can be used for the Core Diploma Pathway**



# WORLD LANGUAGES

## World Languages Graduation Requirements

Students must complete 2 years of the same language or 2 years of Computer Technology in order to graduate.



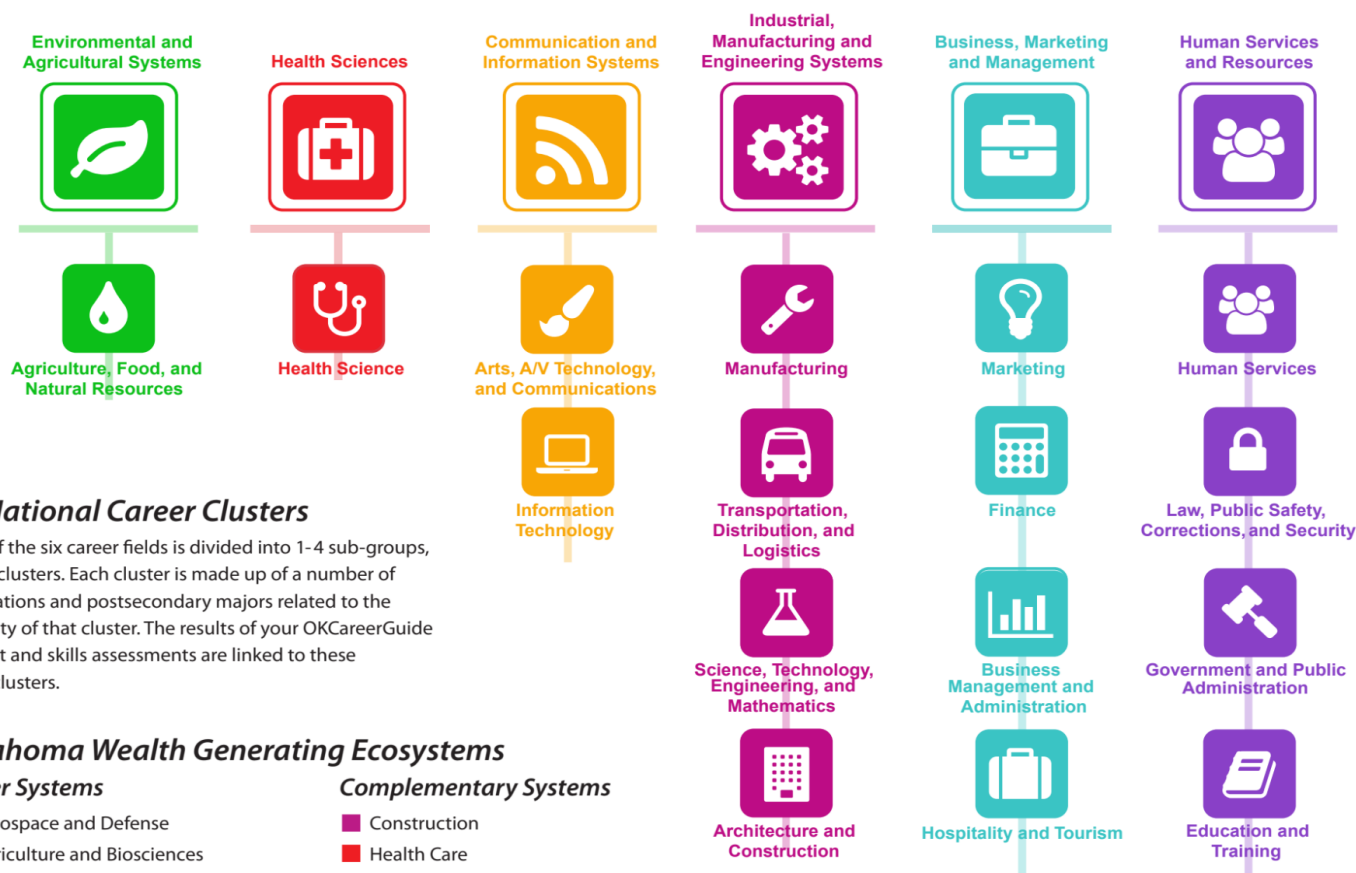


# Career Cluster Pathways

A career cluster is a group of careers that share common features. If you like one job in a cluster, you will probably find other jobs in that cluster that you will like as well. As part of your ICAP (a graduation requirement), you will complete a series of quizzes. These quizzes will help you align your interests to a potential career cluster below. You will find recommended course work to support your future career goals.

## 6 Career Fields

The career fields are the six large groups. They include all of the occupations in the United States, and their titles tell you something about the focus of work in that group of occupations.



## 16 National Career Clusters

Each of the six career fields is divided into 1-4 sub-groups, called clusters. Each cluster is made up of a number of occupations and postsecondary majors related to the specialty of that cluster. The results of your OKCareerGuide interest and skills assessments are linked to these same clusters.

## Oklahoma Wealth Generating Ecosystems

### Driver Systems

- Aerospace and Defense
- Agriculture and Biosciences
- Energy—oil and wind
- Information and Financial Services
- Transportation and Distribution

### Complementary Systems

- Construction
- Health Care
- Education
- Creative Industries



## Agriculture, Food and Natural Resources

Workers in the agriculture, food, and natural resources cluster produce products and processes—from raising food and textile crops to breeding livestock and hunting wild game; from mining ore below the earth's surface, to hazardous waste removal and wildlife conservation. Historic trends are giving way to new developments in this cluster.

**Examples of Occupation Connections:** Water Resource Specialist, Biological Technicians, Foresters, Farmers/Ranchers, Food Scientist, Farm Equipment Mechanics, Animal Breeders, Agricultural Equipment Operators.  
**Median salary range:** \$38,000-\$89,000.

### Extracurricular/Club Considerations: FFA

**Advanced Course and Elective Considerations:** Chemistry, Zoology, AP Biology, AP Chemistry Agricultural Communications, Agri-Science, Agricultural Power & Technology I, II, III, Environmental Science & Natural Resources, Equine Production & Management, Animal Science, Horticulture I, II & III, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers a program in Veterinary Assisting. (Note: Some courses require students to bus to a different site.)

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Chemistry	Zoology
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective

#### Health Sciences



### Health Science

The primary work of careers in the health science cluster is to treat patients facing illness or injury—whether to cure or rehabilitate from a condition, to maintain wellness, or to provide comfort or palliative care to persons dealing with incurable conditions. The healthcare industry is booming, and experts predict health care careers will continue to grow rapidly for at least the next decade.

**Examples of Occupation Connections:** Medical Secretaries, Registered Nurse, Family Medicine Physicians, Radiation Therapists, Dieticians, Physical Therapists. *Median salary range: \$33,000-\$208,000.*

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Chemistry	Anatomy/Physiology
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective

#### Communication and Information Systems



### Arts, Audio/Video Technology and Communications

Careers in the Arts, Audio/Video Technology, and Communications cluster focus on designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

**Examples of Occupation Connections:** Lighting Technician, Camera Operator, Audio/Video Technicians, Film/Video Editors, Producers, Directors, Radio, Theatrical Design, Technical Writers. *Median salary range: \$38,000-\$90,000.*

**Extracurricular/Club Considerations:** Newspaper, Yearbook, Fine Arts, Speech, Acting, Debate

**Advanced Course and Elective Considerations:** Computer Applications 1 & 2, Media I, II & III, Studio Broadcasting, Sports Broadcasting, Journalism I & II, Newspaper, Yearbook, Fashion Design, Art, Dance, Instrumental Music, Choral Music, Speech/Acting/Debate, Creative Writing I & II, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers programs in Graphic Design and Digital Cinema/TV Production.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



## Information Technology

Information Technology relates to the design, development, support and management of hardware, software, multimedia and systems integration services. The United States is the world's largest technology market, and the IT industry is a major contributor to our overall economy.

**Examples of Occupation Connections:** Computer Networking, Data Warehousing Specialist, Web Developers, Software Developers, Information Cyber Security, Library Science/Knowledge Management. *Median salary range: \$47,000-\$136,000.*

**Advanced Course and Elective Considerations:** Computer Science Essentials, AP Computer Science Principles, Programming 1 & 2, AP Computer Science A, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers programs in Cyber Defense and Programming & Software Development.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



## Manufacturing

Workers in the manufacturing career cluster produce nearly all the products and equipment used in daily life. Manufacturing is the transformation of raw materials or parts into a new product.

**Examples of Occupation Connections:** Food Machine Operator, Welder, Wind Turbine Service Technician, Machinist, Mechanical Drafter, Robotics Technician. *Median salary range: \$37,000-\$97,000.*

**Advanced Course and Elective Considerations:** Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers programs in Carpentry, Electrical Trades, HVAC, CNC Machining and Welding.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Transportation, Distribution and Logistics

The Transportation, Distribution, and Logistics cluster is all about moving people and things from one location to another quickly, safely, and at a low cost. Workers in this industry design transportation systems, operate or repair equipment, plan how to move materials, and take care of storing products. Transportation systems included in this cluster include aircraft, railroad, waterways, over the road, and pipelines.

**Examples of Occupation Connections:** Automotive Repair, Dispatchers, Rail Car Repairers, Air Traffic Control, Traffic Technicians, Pilot, Logistic Analyst. *Median salary range: \$29,000-\$122,000.*

**Advanced Course and Elective Considerations:** Oklahoma Aviation Academy, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers a program Automotive Service.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Science, Technology, Engineering and Mathematics

Careers in the Science, Technology, Engineering and Math cluster relate to planning, managing and providing scientific research and professional and technical services such as laboratory and testing services, and research and development services.

**Examples of Occupation Connections:** Engineering, Radio Frequency Specialist, Conservation Scientist, Range Managers, Transportation Planners, Geneticists, Economist, Physicist, Biologist. *Median salary range: \$43,000-\$130,000.*

**Advanced Course and Elective Considerations:** Fundamentals of Web Design 1 & 2, Programming 1 & 2, AP Computer Science Principles, AP Computer Science A, Internship, AP Capstone Seminar, AP Capstone Research, Physics, Anatomy/Physiology, Zoology, Meteorology, Astronomy, Geology, Forensic Science, AP Biology, AP Chemistry, AP Physics, AP Environmental Science, CP Introduction to Engineering Design, CP Principles of Engineering. Moore Norman Technology Center offers programs in Engineering and Biomedical.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Chemistry	Science Course
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective





### Architecture and Construction

The purpose of the construction industry is to build and maintain all kinds of structures, including homes, manufacturing plants, office buildings, streets and highways, sewers, irrigation projects, and more. The industry also includes related activities such as painting, electrical work, and plumbing.

**Examples of Occupation Connections:** Electricians, HVAC, Construction Managers, Surveyors, Carpenters, Derrick/Oil and Gas Operators, Solar Energy Installation. *Median salary range: \$34,000-\$135,000.*

**Advanced Course and Elective Considerations:** Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers programs in Carpentry, Electrical Trades, HVAC, CNC Machining, Computer Aided Design/Drafting, Service Career Maintenance and Welding.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Algebra II or higher	Science Course
Algebra I or higher	Geometry or higher	US History/AP US History	Government/Elective
Oklahoma History/Elective	World History/AP World History	Moore-Norman Technology Center Program	Moore-Norman Technology Center Program
World Language/Computer Language	World Language/Computer Language		
Elective	Elective		



### Marketing, Sales and Service

The marketing career cluster includes sales and advertising, and focuses on influencing consumers' buying behavior and generating sales for products and services. Just about every type of organization, from your corner grocer to regional banks, public universities to multinational corporations, participates in marketing in some way.

**Examples of Occupation Connections:** Salesperson, Real Estate Agent, Advertising Sales Agent, Public Relations Specialist, Marketing Manager. *Median salary range: \$23,000-\$128,000.*

**Extracurricular/Club Considerations:** DECA, Tigerpalooza/SPUD Committee

**Advanced Course and Elective Considerations:** Marketing Fundamentals, Ethical Leadership, International Marketing, Advertising Strategies, Computer Applications 1 & 2, Internship, AP Capstone Seminar, AP Capstone Research.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Finance

Finance relates to the services involved in financial and investment planning, banking, insurance, and business financial management. The finance and insurance industry is all about managing money and making financial transactions—from a child's first savings account to multimillion-dollar corporate loans.

**Examples of Occupation Connections:** Brokerage Clerks, Tax Preparers, Actuaries, Accountant, Loan Officers, Securities Agent, Insurance, Financial Manager/Analyst. *Median salary range: \$38,000-\$122,000.*

**Extracurricular/Club Considerations:** DECA

**Advanced Course and Elective Considerations:** Accounting 1 & 2, AP Economics, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers a program in Accounting.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Business, Management and Administration

Careers in the Business Management and Administration cluster relate to planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Careers in leadership, management, and support roles are needed by all types of organizations to operate successfully.

**Examples of Occupation Connections:** Accountants, Inventory Clerks, Customs Brokers, General Managers, Administrative Assistants, Human Resources, Chief Executives, Management Analysts. *Median salary range: \$62,000-\$116,000.*

**Extracurricular/Club Considerations:** DECA, Youth and Government

**Advanced Course and Elective Considerations:** Computer Applications 1 & 2, Marketing Fundamentals, Business Management, Sports and Entertainment Marketing, Ethical Leadership, Advertising Strategies, Accounting 1 & 2, Entrepreneurship, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers a program in Accounting.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Hospitality and Tourism

Careers in the hospitality and tourism cluster relate to the management, marketing, and operations of restaurants and other food services, lodging, attractions, recreation events, and travel related services.

**Examples of Occupation Connections:** Food Service, Hotel/Motel Management, Reservation Agents, Travel Agents, Tour Guides, Concierges. *Median salary range: \$28,000-\$52,000.*

**Extracurricular/Club Considerations:** FCCLA, DECA

**Advanced Course and Elective Considerations:** Computer Applications 1 & 2, Lifetime Nutrition and Wellness, Internship, AP Capstone Seminar, AP Capstone Research.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Human Services

The Human Services career cluster relates to meeting human needs through activities such as counseling and mental health services, family and community services, personal care and consumer services.

**Examples of Occupation Connections:** Social Workers, Counselors, Barbers, Cosmetology, Therapist, Childcare, Spa Manager. *Median salary range: \$39,000-\$104,000.*

**Extracurricular/Club Considerations:** FCCLA

**Advanced Course and Elective Considerations:** Psychology 1 & 2, AP Psychology, Sociology, Principles in Human Services, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers a program in Cosmetology.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Law, Public Safety, Corrections and Security

The law, public safety, corrections, and security career cluster is all about protecting and serving the public. People working in this sector deal with protecting life and property, enforcing laws, providing legal counsel, sentencing defendants, and rehabilitating offenders.

**Examples of Occupation Connections:** Animal Control, Security Guards, Firefighters, Forensic Science Technicians, Lawyers, Law Enforcement, Paralegals, Court Reports. *Median salary range: \$25,000-\$119,000.*

**Advanced Course and Elective Considerations:** Constitutional Law, Psychology 1 & 2, Sociology, AP Psychology, Internship, AP Capstone Seminar, AP Capstone Research. Moore Norman Technology Center offers a program in Legal Administrative Assistant.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective



### Government and Public Administration

Careers in Government and Public Administration relate to planning and performing government functions at the local, state and federal levels, including governance, national security, foreign service, planning, revenue and taxation, and regulations. A primary goal of virtually all careers in public service is to help improve the quality of life and livelihood for the citizens represented, while supporting the betterment of the overall community.

**Examples of Occupation Connections:** Court Clerks, Construction/Building Inspectors, Various Compliance Officers, Appraisers, Parks Director, Urban Planners, Regulatory Affairs Specialist, Legislators. *Median salary range: \$38,000-\$118,000.*

**Extracurricular/Club Considerations:** STUCO, Youth and Government

**Advanced Course and Elective Considerations:** Current Issues, International Problems, Constitutional Law, Leadership/Citizenship, Student Congress, Internship, AP Capstone Seminar, AP Capstone Research.

9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective





## Education and Training

The education and training career cluster focuses on the activities, resources, and locations that provide all kinds of learning services. It includes careers at public and private schools at every level—pre-K through high school—as well as colleges and universities. Occupations at libraries, museums and corporate training services are also part of this cluster.

**Examples of Occupation Connections:** Teacher, Librarians, Media Collections Specialist, Instructional Coordinators.

**Median salary range:** \$54,000-\$106,000.

**Extracurricular/Club Considerations:** FCCLA

**Advanced Course and Elective Considerations:** Psychology 1 & 2, Sociology, AP Psychology, Human Growth and Development, Library Science/iTech, Internship, AP Capstone Seminar, AP Capstone Research.

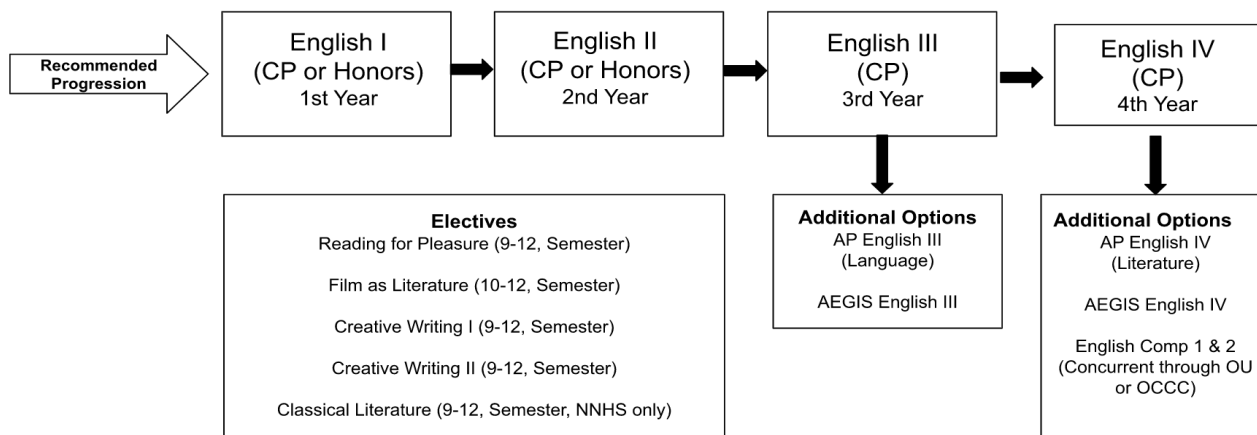
9th Grade Courses	10th Grade Courses	11th Grade Courses	12th Grade Courses
English/Honor English I	English/Honors English II	English/AP English III	English/AP EnglishIV/Comp 1 & 2
Physical Science	Biology	Science Course	Elective
Algebra I or higher	Geometry or higher	Algebra II or higher	Additional year of math
Oklahoma History/Elective	World History/AP World History	US History/AP US History	Government/Elective
World Language/Computer Language	World Language/Computer Language	Elective	Elective
Elective	Elective	Elective	Elective

Course Key	
<b>NHS</b>	<b>Course Available at Norman HS</b>
<b>NNHS</b>	<b>Course Available at Norman North</b>
<b>CP/WR</b>	<b>College Preparatory/Work Ready Graduation Requirement</b>
<b>OP</b>	<b>Oklahoma Promise Eligible Course</b>
<b>MS</b>	<b>Course available at middle school</b>
<b>NCAA</b>	<b>NCAA eligible course</b>
<b>EE</b>	<b>ExpandEd</b>

# ENGLISH LANGUAGE ARTS

## English Language Arts Graduation Requirements

Students must complete English I, English II, English III, and English IV or equivalent alternative options to be eligible for graduation.



## English

### CP ENGLISH I 001011-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: This is an introductory course to the study of grammar, composition, and literary analysis. Students will increase literacy skills through the study of fiction, nonfiction, poetry, drama, and formal and informal composition. In alignment with the Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the state exam and national ACT, PSAT, and SAT exams. This course is the first of four English courses to prepare students for college and any other post-secondary options. While this course includes appropriate levels of support and scaffolding to maintain rigor, the ultimate goal is to create independent readers and writers. This course moves toward independence as the year progresses.

### HONORS ENGLISH I 001051-52 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: This is an introductory course to the study of grammar, composition, and literary analysis. Students will increase literacy skills through the study of fiction, nonfiction, poetry, drama, and formal and informal composition. Students are expected to read outside of class. In alignment with Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the national ACT, PSAT, and SAT exams. This course is the first of four English courses to prepare students for AP coursework, college, and any other post-secondary options. Because this course prepares students to be successful in AP English courses, students should be willing and able to work independently in both reading and composition.

### CP ENGLISH II 001021-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I

GRADE LEVEL: 10

CONTENT: This is the second course in the study of grammar, composition and literary analysis. Students will continue to increase critical reading, writing, and thinking skills through substantive, complex works of fiction and nonfiction. In alignment with Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the state exam and national ACT, PSAT, and SAT examinations. This course is designed to prepare students for college and other post-secondary options. While this course includes appropriate levels of support and scaffolding to maintain rigor, the ultimate goal is to create independent readers and writers. This course moves toward independence as the year progresses.

### HONORS ENGLISH II 001023-24 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I

GRADE LEVEL: 10

CONTENT: This is the second course in the study of grammar, composition and literary analysis. Students will continue to increase critical reading, writing, and thinking skills through substantive, complex works of fiction and nonfiction in assigned reading and independent reading. In alignment with Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the state exam and national ACT, PSAT, and SAT examinations. This above level course is designed to prepare students for college and other post-secondary options. Because this course prepares students to be successful in later AP English courses, students should be willing and able to work independently in both reading and composition.

**CP ENGLISH III** 001031-32 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I &amp; II

GRADE LEVEL: 11

CONTENT: This course furthers the study of grammar, composition, and literacy through increasingly complex works of fiction and nonfiction including recurrent themes in American literature and foundational works of American political philosophy. Through alignment with the Oklahoma Academic Standards and College Board Standards, students will write multimodal compositions, including persuasive essays, literary analyses, personal narratives, and informational essays. This course prepares students for success on the national ACT, PSAT, and SAT exams. This course is designed to prepare students for college and other post-secondary options.

**AP ENGLISH III (LANGUAGE)** 001171-72 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I &amp; II

GRADE LEVEL: 11

CONTENT: This is a college course in the high school setting. This course meets the requirements for junior English. The course emphasizes an intense concentration on language use for the purpose of developing stylistic maturity in writing. Numerous works are studied with an emphasis on skills needed to examine rhetorical strategies and stylistic choices. The AP exam may be taken for College Credit in the spring. Note, the AP Exam does not result in high school credit.

**CP ENGLISH IV** 001041-42 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I, II &amp; III

GRADE LEVEL: 12

CONTENT: This course is the culmination of the study of grammar, composition, and literacy. In alignment with Oklahoma Academic standards, this course will prepare students for success on assessments such as national ACT and SAT exams. This course will focus on but not be limited to British literature. Included in the course are selective reviews of major grammatical concepts and reinforcement of writing skills. Composition assignments may include personal and persuasive writing and essays of literary analysis. In addition, each student writes a paper or completes a project based on research. This course is designed to prepare students for college and other post-secondary options.

**AP ENGLISH IV (LITERATURE)** 001141-42 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I, II &amp; III

GRADE LEVEL: 12

CONTENT: This is a college course in the high school setting. This course meets the requirements for senior English. It is an intense study of literature with a major emphasis on analysis through written expression. Numerous works are studied, with the focus on mastering the tools and techniques of analyzing literature. Students write approximately once a week. Assignments range from journals and timed, in-class writing to formal out-of-class papers. The AP exam may be taken in the spring.

**AEGIS ENGLISH III & IV** 001151-52 / 001161-62 (TWO YEARS)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Selection by mentor and English I and II

GRADE LEVEL: 11-12

CONTENT: AEGIS English is a two-year, accelerated language arts program that encompasses both enrichment and advanced placement skills. Designed for students inspired by literature and composition, this course starts with British literature in the junior year and continues with American literature in the senior year, fulfilling the graduation requirements for English III and English IV. Some continental works which influenced British and American literature are studied. AEGIS English students write a variety of prose, poetic, and dramatic assignments, such as literary analysis, creative works, research papers, and essays of description, narration, and exposition. Students are evaluated on drafts and final versions in their writing. AEGIS students are encouraged to submit their work for competition, publication or performance. Additionally, the program demands extensive independent reading. The AP exams may be taken in respective springs of the school year.

**ENGLISH COMP 1 OCCC** 001801 (Semester)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: English III and students must meet

OCCC concurrent enrollment requirements, as well as fully complete the concurrent enrollment process.

GRADE LEVEL: 12

CONTENT: The student will write well-developed compositions which demonstrate the principles of unity, coherence, and organization and which contain specific details and vivid language. The students will locate library material and incorporate researched materials into compositions.

**ENGLISH COMP 2 OCCC** 001802 (Semester)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: English Comp 1 (Eng 1113) and students must meet OCCC concurrent enrollment requirements, as well as fully complete the concurrent enrollment process.

GRADE LEVEL: 12

CONTENT: In this advanced writing course, students will create essays that explore and evaluate a variety of issues and perspectives suggested by fiction, poetry, drama, essays, and other types of cultural texts. Students will refine and augment the writing techniques they learned in ENGL 1113 or ENGL 1103 to develop well-reasoned, well-structured arguments in a clear, fluid, and engaging prose style.

**ENGLISH COMP 1 OU** 001811 (Semester)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: English III and students must meet OU concurrent enrollment requirements, as well as fully complete the concurrent enrollment process.

GRADE LEVEL: 12

CONTENT: Systematic analysis of the components of effective writing, with regular practice and close individual assistance. Study of expository prose models.

## ENGLISH COMP 2 OU 001812 (Semester)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: English Comp 1 (Eng 1113) and students must meet OU concurrent enrollment requirements, as well as fully complete the concurrent enrollment process.

GRADE LEVEL: 12

CONTENT: Systematic analysis of effective argumentative discourse with regular practice and close individual assistance. Study of argumentative prose models. Library research paper required.

**NOTE: Successful completion of both Comp 1 and Comp 2 will meet English 4 high school requirements and award college credit.**

### Elective English

#### READING FOR PLEASURE

001285 (SEMESTER)

NHS NNHS

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This class is designed to heighten students' engagement and interest in reading and literature. It supports the High Schools That Work goal that every student read at least 2500 pages per year. Students are free to survey a number of literary genres, including poetry, nonfiction, short stories, young adult literature, contemporary fiction, and classic literature. Students read and write every day. As students read through their books, they will analyze and respond to their choices through discussion, journaling, conferencing, research, and extended writing activities.

#### CLASSICAL LITERATURE 001215 (SEMESTER)

NNHS CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Traditions of Western literature, from Greek and Roman classical mythology, legends, and other works, are the focus of this course. Students become familiar with the sources for the allusions appearing in historical and modern literature. The class also studies the cultures and personalities that influenced these works.

#### CREATIVE WRITING I

001225 (SEMESTER @ NHS & EE) (SEMESTER OR YEAR @ NNHS)

NHS NNHS EE NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course is designed to facilitate the creative writing process for students working in a writing workshop setting. Student differences in writing style, reservoir of experiences, and writing pace greatly enrich this class. While genre emphasis is primarily on the reading and writing of short poems, plays, and stories, an important feature of this class is regularly assigned writing exercises. This course is intended to serve the individual creative writer by providing opportunities for varied assignments and projects which begin as rough drafts written primarily in class

and which are revised and become part of the student's final draft collection of writing.

#### CREATIVE WRITING II: CREATIVE/LITERARY

ANTHOLOGY 001235 (SEMESTER OR YEAR)

NHS NNHS NCAA

PREREQUISITE: Creative Writing I

GRADE LEVEL: 9-12

CONTENT: This course is designed for students who have successfully completed Creative Writing I and who desire to improve revision and editing skills in the continued writing of drama, fiction, and poetry. Students prepare portfolios of their own writing that contain appropriate manuscripts for contest and for publication in the school's creative anthology. Students in this class also collect school-wide submissions for the creative anthology, critique submissions, and use a desktop publishing program to prepare manuscripts for publication in the creative anthology which is produced in this class.

#### FILM AS LITERATURE (EE) 001255 (SEMESTER)

NHS NNHS FA

PREREQUISITE: None

GRADE LEVEL: 10-12 (9<sup>TH</sup> graders allowed with teacher permission)

CONTENT: The premise of this class is based on the belief that film is a type of literature with a language all its own. It is an English elective, and class is taught as any other literature class. Students study basic film terminology, techniques, and interpretation, as well as film history.

### English Learners

#### ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL) (ELL)

000981-82 (SEMESTER OR YEAR)

NHS NNHS

PREREQUISITE: This class is for students whose first language is not English.

GRADE LEVEL: 9-12

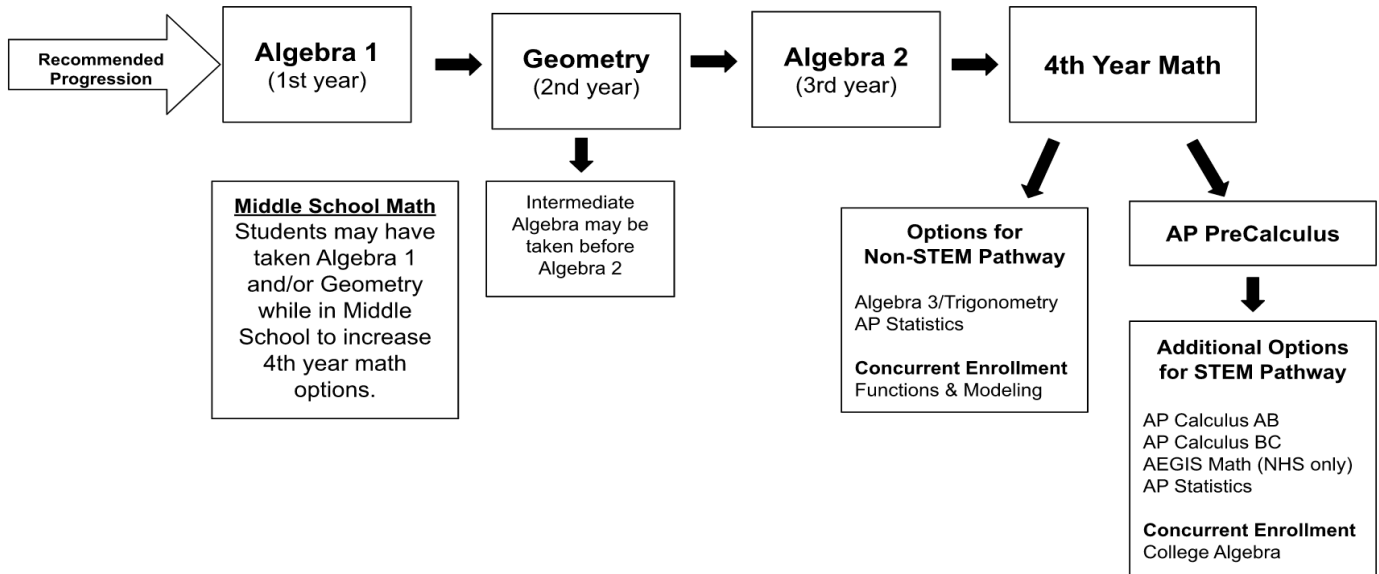
CONTENT: The goal of this class is to build English language skills in the areas of speaking, listening, reading, and writing for non-native English speakers. The class provides support with core classes. This course is for recommended students only.



# MATHEMATICS

## Math Graduation Requirements

Students must complete 3 math credits while in High School. Additional 4th year math course recommendations are based on post secondary math pathways.



## Mathematics

### ALGEBRA I 004041-42 (YEAR)

NHS NNHS EE CP/WR OP MS NCAA

PREREQUISITE: Pre Algebra

GRADE LEVEL: 9

CONTENT: Students will reason, solve, interpret, graph, create and analyze linear, quadratic and exponential functions. In addition, students will solve and interpret solutions of linear inequalities, systems of equations and systems of inequalities. Students will examine data through statistical analysis. This course is tightly aligned to the Oklahoma Academic Standards for Mathematics. An essential tool for students will be the graphing calculator. TI-84 Plus is recommended.

### GEOMETRY 004051-52 (YEAR)

NHS NNHS EE CP/WR OP MS NCAA

PREREQUISITE: Algebra I

GRADE LEVEL: 10-12

CONTENT: Students will reason, justify, prove, define, apply and explain theorems about points, lines, circles, polygons, right triangles, and three-dimensional shapes. In addition, students will connect algebra and geometry through the coordinate plane. Students will solve multi-step contextual problems through applying geometric concepts in modeling situations. This course is tightly aligned to the Oklahoma Academic Standards for mathematics. An essential tool for students will be the graphing calculator. TI-84 Plus is recommended.

### INTERMEDIATE ALGEBRA 004131-32 (YEAR)

NHS NNHS EE CP/WR

PREREQUISITE: Algebra 1, Geometry, Recommended for students who made a C or lower in previous math courses.

GRADE LEVEL: 10-12

CONTENT: This course will study topics including number and number theory, measurement, functions, problem solving, factoring, solving absolute value equations, linear equations and quadratic equations. Emphasis will be placed on all operations involving integers, rational numbers, and irrational numbers. Students will learn basic uses of the graphing calculator.

### ALGEBRA II 004061-62 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Algebra I, Geometry, Recommended for students who made B or above in previous math courses.

GRADE LEVEL: 10-12

CONTENT: Students will reason, solve, interpret, graph, create and analyze linear, quadratic, logarithmic, rational, radical, exponential, and polynomial functions. In addition, students will expand concepts including complex numbers, probability, linear inequalities, systems of equations, and systems of inequalities. Students will make inferences and draw conclusions from data using samples, experiments, and hypothesis testing. This course is tightly aligned to the Oklahoma Academic Standards for Mathematics. An essential tool for students will be the graphing calculator. TI-84 Plus is recommended.

### ALGEBRA III / TRIGONOMETRY 004071-72 (YEAR)

NHS NNHS (EE Semester Only) CP/WR OP NCAA

PREREQUISITE: Geometry, Algebra II, Recommended for students who made C or lower in Algebra II.

GRADE LEVEL: 10-12

CONTENT: Algebra III/Trigonometry is a course designed for students who are continuing on with upper level math and are

interested in fields in the Applied Math Pathway (non-STEM). It is aimed to strengthen the foundational knowledge and skills needed to be successful in high math classes. Students will expand their understanding of Algebra II concepts and be introduced to Pre-Calculus and Trigonometry principles. Graphing calculators will be used in class, the TI-84 is recommended.

### **AP PRE-CALCULUS** 004201-02 (YEAR)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITE: Recommended for students who made a B or above in Algebra II

GRADE LEVEL: 11-12

CONTENT: This course is primarily designed to prepare students for Advanced Placement or College Calculus, which is for students interested in fields in the STEM Pathway. Topics extended from previous studies are functions, systems of equations, complex numbers, sequences and series, and analytical geometry. This course will relate, apply and explore all concepts of trigonometry, including identities, equations, and vectors when solving real world problems. Emphasis will be placed on the study of logarithms, sequences, probability, and enhancing the knowledge of functions by making graphing connections and interpretations. The TI-83 or TI-84 Plus graphing calculator is recommended.

### **AP STATISTICS** 004145/55 (YEAR)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITE: Algebra II

GRADE LEVEL: 9-12

CONTENT: The first semester of this course will introduce students to Statistics through various topics including: graphic methods for describing data, summarizing univariate data sets, summarizing bivariate and categorical data, planning a study, probability distributions, normal distributions and sampling distributions. The second semester covers additional topics including: confidence intervals, hypothesis testing of one sample, inferences for two populations, chi-square tests and inferences for regression. A significant portion of the second semester will be dedicated to reviewing for the AP Statistics exam in May. Students will also be required to complete a statistical project. Graphing calculators will be used in this class, the TI-83 or TI-84 Plus is recommended.

### **CALCULUS** 004105 (SEMESTER)

**NNHS CP/WR OP NCAA**

PREREQUISITE: Pre-Calculus

GRADE LEVEL: 11-12

CONTENT: This course is designed for college bound juniors or seniors that do not plan to take AP calculus in high school. The source is an introduction to differential and integral calculus and their applications. Graphing calculators will be used in class.

### **AP CALCULUS AB** 004101-02 (YEAR)

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: Pre Calculus

GRADE LEVEL: 11-12

CONTENT: This course covers college level Calculus I topics including functions and their graphics, limits and continuity, differential calculus and integral calculus. Graphing calculators will be used in the class. TI-83 or TI-84 are recommended.

### **AP CALCULUS BC** 004301-02 (YEAR)

**NHS NNHS CP/WR OP NCAA**

BC LAB 004305 1<sup>ST</sup> SEMESTER (**NNHS ONLY**)

PREREQUISITE: Pre Calculus and/or AP Calculus AB

GRADE LEVEL: 11-12

CONTENT: This course covers Calculus AB topics as well as advanced topics in integral calculus, sequences, and series. The Calculus BC topics are typically included in Calculus I and Calculus II at the college level. Graphing calculators will be used in this class. TI-83 or TI-84 are recommended.

### **AEGIS MATHEMATICS** (TWO YEARS)

AEGIS 3 004111-12 / AEGIS 4 004121-22

**NHS NCAA**

PREREQUISITE: Algebra II, Selection by mentor, there is an application process.

GRADE LEVEL: 11-12

CONTENT: This course is a two-year selective program in mathematics. During the first year, the AEGIS students complete the high school mathematics program, begin the study of computing, and study topics from the foundation of mathematics including number systems, logic set theory, and study in computing, enrich the study of calculus and complete independent study in topics of interest to the mentor and student. During both years, students participate in mathematics competitions and mathematics seminars.

### **COLLEGE ALGEBRA or FUNCTIONS AND MODELING**

004046-004049 (YEAR)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITE: Completion of Algebra II and admittance to Concurrent Enrollment with OU

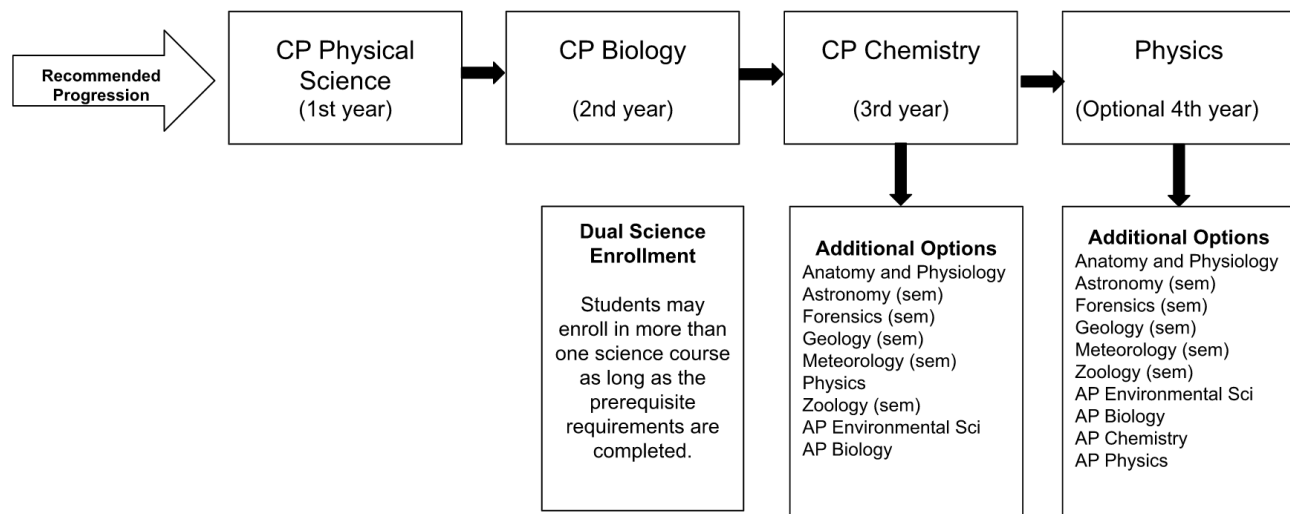
GRADE LEVEL: 12

CONTENT: The fall semester of this course will emphasize understanding of mathematics concepts rather than just memorizing procedures in order to solidify the student's foundational understanding of mathematical topics, including number and operations, graphing, functions, and algebraic reasoning. The spring semester will be taught by an OU professor for credit in MATH 1503 (STEM Pathway) or MATH 1643 (Applied Math Pathway). Topics include polynomials, rational expressions, linear equations and inequalities, exponents and radicals, plus absolute values. Other topics include the algebra of functions, functions of linear, polynomial, rational, exponential, and logarithmic type, and systems of equations.

# SCIENCE

## Science Graduation Requirements

Students must complete 3 lab sciences in order to graduate; a physical science (physical science, chemistry, or physics), Biology, and one additional lab science.



## Science

### CP PHYSICAL SCIENCE 003001-02 (YEAR)

NHS NNHS EE CP/WR MS OP NCAA

PREREQUISITE: Concurrent enrollment in Algebra I

GRADE LEVEL: 9

**CONTENT:** This lab-based course involves the study of matter and energy. Topics of study include the structure and properties of matter, chemical reactions and nuclear processes, forces, motion, energy, energy transfer, waves and electromagnetic spectrum. Students will build an understanding of these topics by engaging in scientific practices including asking questions, planning and conducting investigations, gathering qualitative/quantitative observations, data analysis, modeling, and the use of mathematical and computational thinking to communicate their understanding of concepts.

### CP BIOLOGY 003021-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: CP Physical Science

GRADE LEVEL: 10

**CONTENT:** This challenging and rigorous course introduces the fundamental concepts of biology. Concepts will be learned through laboratory investigation and additional reading, research, and project work. Topics of study will include the following: biochemistry, cellular structure, function and organization; metabolism; nucleic acid functions and protein synthesis; cell growth and division; genetics and heredity; phylogenetic and ecological principles. In alignment with state and national standards, this course will prepare students for success on state assessments and national ACT, PSAT, and SAT II exams.

### CP CHEMISTRY 003061-62 (YEAR)

NHS NNHS EE CP/WR OP NCAA

CO-REQUISITE: CP Biology and Algebra II

GRADE LEVEL: 10-12

**CONTENT:** This general chemistry course stresses the relationship of chemical laws and phenomena to our physical environment. Laboratory experiences in physical and inorganic chemistry provide the foundation for concept development. Students will learn about formula and equation writing, atomic theory, bonding, solutions, electrochemistry, stoichiometry, quantum model of the atom, molecular geometry, intermolecular forces, voltaic and electrolytic cells, rate laws, acid-base equilibrium, thermodynamics and gas systems. Additional learning activities include outside readings, graphing, problem solving, and project work.

### PHYSICS 003091-92 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Completion of Algebra II and concurrent enrollment in either Algebra III with Trigonometry or Pre-Calculus is recommended.

GRADE LEVEL: 11-12

**CONTENT:** Physics is a laboratory centered, two-semester course investigating the natural laws of the universe. The course content includes concepts of motion, machines, work, energy, electricity, magnetism, electromagnetic spectrum, light waves, and sound. Elements of trigonometry and analytical geometry are taught and incorporated into the curriculum. Problem solving and practical applications are stressed throughout the year.

**PHYSIOLOGY / ANATOMY 003111-12 (YEAR)****NHS NNHS CP/WR OP NCAA****(EE - Anatomy 1st Semester Physiology 2nd Semester)**

PREREQUISITE: CP Biology

GRADE LEVEL: 10-12

CONTENT: This course is geared toward students preparing for a career in the allied health areas. This course is a laboratory centered two semester course. Outside readings, term projects and dissections are required. This course covers basic concepts of cell physiology and includes the study of major systems of the human body: skeletal, muscular, circulatory, digestive, respiratory, excretory, reproductive and nervous.

**ASTRONOMY 003115 (SEMESTER)****NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: CP Physical Science and concurrent enrollment in Geometry

GRADE LEVEL: 10-12

CONTENT: Students begin the semester by studying the methods and tools used in locating objects in the night sky. They will learn the characteristics and relationships between the objects in our solar system. They will finish the semester by investigating deep space objects and their potential impact on the earth. Throughout this course, students will study the history of astronomy and its impact on society. They will also have an opportunity to participate in various projects and presentations involving radio and optical astronomy. Students will be required to attend a percentage of evening or early morning observations that are offered throughout the semester.

**FORENSIC SCIENCE STUDIES 003175 (SEMESTER)****NHS NNHS CP/WR OP NCAA**

PREREQUISITE: Successful completion of CP Biology

GRADE LEVEL: 10-12

CONTENT: This is a challenging course designed to introduce students to many of the areas studied in the field of forensic science. The course explores a variety of the concepts, techniques and technology used by forensic scientists. The course content includes methods of collecting and processing physical evidence such as DNA, questioned documents, fibers, and prints. Students will apply the concepts and skills acquired in this course to solve a crime scene stimulation.

**GEOLOGY 003215 (SEMESTER)****NHS NNHS CP/WR OP NCAA**

PREREQUISITE: CP Physical Science

GRADE LEVEL: 10-12

CONTENT: This laboratory-based course emphasizes the scientific practices to investigate the physical structure, composition, history, and the processes that act upon the Earth. Examples of investigations involve comparing objects in the solar system with Earth and evaluating evidence of plate tectonics, through volcanic, earthquake, and other activities to construct explanations. Students will develop a model of Earth's interior that can be used as evidence to describe the cycling of matter. Other investigations will involve the effects of water on Earth's materials and systems. Students will examine how the impact of natural resource availability, natural hazards, and changes in climate have influenced human activity.

**METEOROLOGY 003220 (SEMESTER)****NHS NNHS CP/WR OP NCAA**

PREREQUISITE: CP Physical Science

GRADE LEVEL: 10-12

CONTENT: Meteorology is a laboratory-based course that engages students in using the scientific practices to investigate the processes and phenomena of the Earth's atmosphere. Examples of these investigations involve analyzing data to support relationships among Earth's systems. Students will develop a model to describe the cycling of carbon through the Earth's systems and its impact on the co-evolution of life. Other investigations will include energy flow and its impact on atmosphere and climate as well as the occurrence of natural hazards and their impact on human activity.

**ZOOLOGY 003125 (SEMESTER)****NHS NNHS CP/WR OP NCAA**

PREREQUISITE: CP Biology

GRADE LEVEL: 10-12

CONTENT: This college preparatory course is designed to offer students a survey of the animal kingdom. We will conduct a comprehensive overview of each phylum emphasizing the invertebrates such as sponges, jellyfish, worms, and insects. Students will explore the vertebrate phylum as time allows. This course will emphasize comparing and contrasting the physiological, structural, and behavioral characteristics and evolutionary developments from one phylum to the next. These studies involve lecture, observations of live specimens, preserved specimen dissections, and some ecological case studies. This course is vocabulary intensive as students will learn many new scientific terms such as the name of animal groups, animal structures, and their functions.

**AP BIOLOGY 003051-52 (YEAR)****NHS NNHS CP/WR OP NCAA**

PREREQUISITE: CP Biology and CP Chemistry

GRADE LEVEL: 10-12

CONTENT: Advanced Placement Biology is an introductory college-level biology course. 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. This course requires that at least twenty five percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with the opportunity to apply the scientific practices. Students establish lines of evidence and use them to develop and refine testable explanations and predictions of natural phenomena. Focusing on these disciplinary practices enables teachers to use the principles of scientific inquiry to promote a more engaging and rigorous experience for AP Biology students. Such practices require that students: (1) use representations and models to communicate scientific phenomena and solve scientific problems; (2) use mathematics appropriately; (3) engage in scientific questioning to extend thinking or to guide investigations within the context of the AP Biology course; (4) plan and implement data collection strategies in relation to particular scientific question; (5) perform data

analysis and evaluation of evidence; (6) work with scientific explanations and theories; (7) connect and relate knowledge across various scales, concepts, and representations in and across domains. Students are expected to work with the acquisition of content information outside of class with class time being used to discuss, problem solve, apply and further develop basic concepts and information. Students are also expected to prepare lab reports and presentations and apply statistical analysis to data. Students will have the opportunity to engage in real life laboratory research experiences the following summer if they choose.

### **AP CHEMISTRY** 003081-82 (YEAR)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITE: CP Chemistry

GRADE LEVEL: 11-12

CONTENT: AP Chemistry is designed to be the equivalent of the college level general chemistry course. College level work will be expected of each student. This course will develop the students' abilities to think clearly and to express their ideas orally and in writing, with clarity and logic. The number and depth of topics covered and the nature and variety of experiments set this course on a different level than Chemistry. Topics covered include: atomic theory and structure; bonding; geometry; reaction rates; equilibrium; acids and base equilibrium; kinetics; thermodynamics; electrochemistry; and nuclear chemistry. AP Chemistry requires considerable out of class preparation. The AP exam should be taken in the spring.

### **AP PHYSICS** 003103-04 (YEAR)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITE: Completion of Physics and concurrent enrollment in Calculus.

GRADE LEVEL: 11-12

CONTENT: This course is recommended for students interested in majoring in physical sciences or engineering in college. While the content of the course is somewhat similar to other physics courses in the high schools, the AP course will be more mathematically rigorous and many times calculus based. Topics covered include: kinematics, vectors, Newton's laws, circular motion, work-kinetic energy theorem, conservative and non-conservative forces, conservation of energy and momentum, rotations of rigid objects about fixed axes, rolling motion and angular momentum, static equilibrium, elasticity, oscillatory motion, the law of gravity, along with some electromagnetics, astronomy and modern physics. The pace of this course is designed to prepare students to take the Engineering Mechanics AP Physics C exam in May. Consequently, daily homework is assigned and some out of class tests are given.

### **AP ENVIRONMENTAL SCIENCE (APES)**

003183-84 (YEAR)

**NHS NNHS CP/WR OP NCAA**

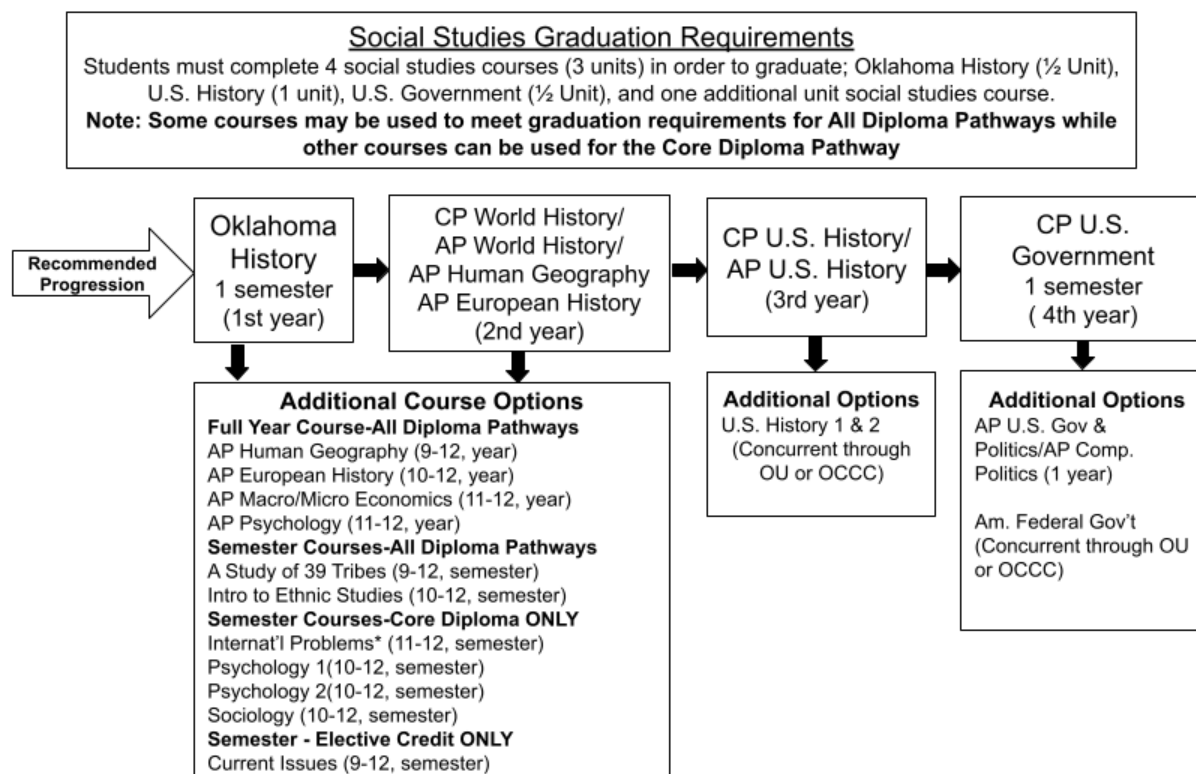
PREREQUISITE: CP Biology

GRADE LEVEL: 10-12

CONTENT: The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. This rigorous science course stresses scientific principles and analysis and includes a laboratory component. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts and methodologies required to understand the inter-relationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Unifying topics in the study of environmental science include: ecosystems and biodiversity, Earth systems and resources, populations, land and water use, energy resources and consumption, pollution, and global change. College credit is available upon successful completion of the AP Environmental Science College Board exam given at the end of the course.



# SOCIAL STUDIES



## Social Studies

### OKLAHOMA HISTORY 002195 (SEMESTER)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: Students explore the cultural, social, economic, and political development of Oklahoma from pre-historic periods through the creation of Indian Territory and the admission of Oklahoma as the 46<sup>th</sup> state. Particular attention is given to the first and second removal periods, to the organization and settlement of Oklahoma Territory, and to the political and social crises of the 20<sup>th</sup> century. This class includes projects, cooperative learning, and research assignments.

### CP WORLD HISTORY 002071-72 (year)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 10

CONTENT: College Prep World History is constructed on an Advanced Placement model that utilizes the thematic approach to investigate history, from Ancient Religion to Exploration to Enlightenment during the first semester. Students will discover the foundations of modern thought in law, economics, government, and society. Modern events, issues, and areas of interest will be the focus of the second semester. Students will utilize a variety of skills; reading comprehension, organization, synthesis, analysis and collaborative thinking which will establish a strong foundation for critical thinkers.

### AP WORLD HISTORY: MODERN 002081-82 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: The purpose of the AP World History: Modern course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies. In this course, students investigate significant events, individuals, developments, and processes from 1200 to the present and it highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. It also provides areas of historical inquiry for the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions. All students will be strongly encouraged to take the CollegeBoard AP World History: Modern exam in May.

## **CP UNITED STATES HISTORY 002001-02 (YEAR)**

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: None

GRADE LEVEL: 11

CONTENT: Students explore the cultural, social, economic, and political development of the United States from the end of the U.S. Civil War to the present. Particular attention is given to the emergence of the United States as a world power and its role in global conflicts of the 20th Century. Special attention is given to analysis and evaluation of primary source materials. This course prepares students for the state-mandated United States History test. United States History students will be required to take an Oklahoma mandated end-of course exam.

## **AP UNITED STATES HISTORY 002021-22 (YEAR)**

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: None

GRADE LEVEL: 11-12

CONTENT: U.S. History includes the time period set by the College Board, which is the early American Colonial era to the present. The course requires factual knowledge and critical, analytical writing skills that are obtained from extensive outside readings, research, and various classroom activities. Students assess historical materials, their relevance to given interpretive problems, reliability, and importance. In both oral and written expression, students weigh the evidence and interpretations presented in historical scholarship. The course is designed to make the same demands on students as a full-year introductory college course. Students should take the AP exam in the spring. Advanced Placement United States History students will be required to take an Oklahoma mandated end-of-course exam.

## **U.S. GOVERNMENT 002185 (SEMESTER)**

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: None

GRADE LEVEL: 12

CONTENT: Students explore the structure and function of the federal system of government, the rights and responsibilities of citizens, and the role of the courts in protecting and defining our rights and responsibilities. Particular emphasis is given to hands-on activities that encourage the development of effective citizenship skills. Students will be required to successfully complete the Personal Financial Literacy Passport requirements as part of this course.

## **AP U.S. GOVERNMENT & POLITICS - AP COMPARATIVE POLITICS**

002061-62 (YEAR)

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: U.S. History

GRADE LEVEL: 12

CONTENT: Advanced Placement American Government examines the evolution of the American system of government. Students explore the theory of government and its practical application, study the United State Constitution in depth, and use court cases and historical incidents to analyze the role of government. There also is an in-depth comparison of the United State political system and those of other countries. The course is designed to make demands on the students similar to those expected in a college course in Political Science. Students are asked to read and interpret historical documents, understand the relationship of

culture and politics, and recognize the impact of personalities and ideologies. Students will be required to successfully complete the Personal Financial Literacy Passport requirements as part of this course.

## **PERSONAL FINANCIAL LITERACY**

### **GRADUATION REQUIREMENT**

Beginning with the graduating class of 2014 every student shall demonstrate mastery of all 14 standards designated in the Personal Financial Literacy Passport in order to graduate. Beginning with seniors graduating in the class of 2019, PFL requirements will be embedded in the American Government course. Contact your counselor for more information.

## **CURRENT ISSUES 002215 (SEMESTER)**

**NHS NNHS NCAA**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students become media literate and explore identified world issues currently in the news. Using a variety of print and electronic resources, they develop an understanding of the complexities of these issues and of their historical, cultural, social and economic backgrounds. This course is topical and the issues studied vary each semester as the dynamics of relationships throughout the world change.

## **AP EUROPEAN HISTORY 002051-52 (YEAR)**

**NHS NNHS CP/WR OP NCAA**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: AP European History (yearlong) is the equivalent of a two-semester college or university European history course. In AP European History we investigate Europe from the Renaissance to the present. During the year you develop and use the same skills, practices, and methods employed by historians. The class blends in the music, architecture and art of the historical periods for a better understanding of the European experience. This is an interesting class that has made history come alive and gets you ready for the College Board AP European History exam in May. AP European History may substitute for the 3rd social studies credit requirement usually fulfilled by World History or AP World History.

## **CONSTITUTIONAL LAW 002255 (SEMESTER)**

**NNHS NCAA**

PREREQUISITE: American Government

GRADE LEVEL: 12

CONTENT: This class will focus on Supreme Court decisions that have altered or shaped the meaning of the U.S. Constitution. The class will examine the early days of the Supreme Court and its evolution under Chief Justice John Marshall and continue through the last half of the 20<sup>th</sup> Century during a time of judicial activism. Students will study the impact of landmark cases on federalism, the executive and legislative branches, and the limits of individual freedom to allow students to understand the role the Court plays in shaping their lives. Written in briefs and oral presentations will be a regular expectation requiring students to read cases and write Briefs outside of class. This course will provide students a working knowledge of the causes and effects of landmark cases as well as an understanding of the principles of Constitutional Law.

**INTERNATIONAL PROBLEMS 002205 (SEMESTER)****NHS NCAA**

PREREQUISITE: None

GRADE: 11-12

CONTENT: This class examines today's international issues in historical perspective concentrating on the period from the onset of the Cold War to the present. The first block concentrates on The Cold War and that time period's impact on our modern world. The second block features the Middle East including American military intervention including Afghanistan. The third block examines Terrorism and Counter Terrorism. The class will look at evolving problems in the news and includes simulations, maps, and terrorism research.

**AP HUMAN GEOGRAPHY 002101-02 (YEAR)****NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: None

GRADE LEVEL: 9-12 (9<sup>TH</sup> grade with teacher approval)

CONTENT: This course introduces an academically motivated student to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the earth's surface. The students study the nature of geography, global population issues, cultural patterns and processes, culture, political structures, rural and urban land use, and the effects of industrialization and economic development on areas of the world. Using geographic methods and tools, students employ spatial concepts and landscape analysis in understanding human social organization and its environmental consequences. The course stresses content and pedagogy, giving the student opportunities to apply geographic concepts. The AP exam should be taken in spring.

**AP MICRO/MACRO ECONOMICS**

002064(Micro) -002063(Macro) (YEAR)

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: None

GRADE LEVEL: 11-12

CONTENT: The aim of an Advanced Placement Economics course is to provide students with a learning experience equivalent to that obtained in typical college/university introductory macroeconomics and microeconomics courses. AP Macroeconomics provides students with a thorough understanding of economic principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. AP Microeconomics provides students with a thorough understanding of economic principles that apply to the functions of individual decision makers, both consumers and producers, within an economic system. The course places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. AP Economics is designed to prepare students to take the AP Exams in Macroeconomics and Microeconomics (2 separate exams) in the month of May of each year. Successful completion of these exams may result in college/university credits or placements for the student.

**PSYCHOLOGY I 002155 (SEMESTER)****NHS EE NNHS NCAA**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: Psychology is the scientific study of everyday human and animal behavior. Units of study include an introduction to the discipline including methods of research; memory and learning; sensation and perception; motivation, emotions and altered states of consciousness; human development, personality and testing; abnormal behavior and therapy; death and dying; career exploration; and heredity and environmental influences on behavior. Learning activities include outside readings, lecture, discussion, videos, experiments and projects. The course provides a foundation necessary for continued students of psychology. The textbook utilized in the course is an upper reading level book and the workload requires serious commitment.

**PSYCHOLOGY II 002165 (SEMESTER)****NHS NNHS NCAA**

PREREQUISITE: Psychology I

GRADE LEVEL: 10-12

CONTENT: This class is an intense study of abnormal behavior in humans. A sample of the behaviors to be studied is anxiety disorders, addiction, schizophrenia, bi-polar disorders, PTSD and personality disorders. Learning activities include a significant amount of reading, analysis, discussion, videos, required projects and writing. The textbook is an upper level college text with a serious commitment to study of human behavior required of the student.

**AP PSYCHOLOGY 002161-62 (YEAR)****NHS NNHS EE NCAA**

PREREQUISITE: None

GRADE LEVEL: 11-12

CONTENT: AP Psychology is the advanced college level, scientific study of human and animal behavior. There will be a more in-depth study of the areas examined in Psychology I. The pace will be accelerated and will include outside reading, critical analysis, essay writing, and comprehensive use of available textbooks, films, discussion and lecture. This course will prepare the student for the AP exam to be taken in the spring. Psychology I and II are not required PREREQUISITES, but the class will require a serious commitment from the student in studying the fascinating topic of human behavior.

**SOCIOLOGY I 002135 (SEMESTER)****NHS NNHS EE NCAA**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: Sociology is the scientific study of patterns of human behavior in groups. Although the course is designed to provide a foundation in the discipline of further study at the college level, all students benefit from the study of these topics which so directly impact their lives. Units include an introduction to the discipline of sociology, an examination of the life styles of other cultures through a unit of cultural anthropology, the study of social class and its impact on the individual, and an examination of deviant behavior, crime and prisons. Learning activities include experiments, reading, projects, lectures, and discussions. This course is open to sophomores, but they should be aware it is designed on the junior/senior level and sophomores should be seeking a course with a serious academic format.

## **A STUDY OF 39 TRIBES IN OKLAHOMA**

002265 (SEMESTER)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITES: None

GRADE LEVEL: 9-12

CONTENT: This course examines the history, culture, and impact of the 39 American Indian tribes found in modern-day Oklahoma. Courses in cultural studies encourage students to explore either their own personal heritage or that of another group developing greater understanding and appreciation of other cultures.

## **INTRODUCTION TO ETHNIC STUDIES**

002120 (SEMESTER)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITES: None

GRADE LEVEL: 10-12

CONTENT: Introduction to Ethnic Studies is a broad interdisciplinary course designed to give high school students an introduction that uses a comparative and historical perspective to examine the languages, values, voices and experiences of diverse groups within the United States.

## **U.S. HISTORY 1 (TO 1877) OCCC**

002019 (SEMESTER)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITES: Students must meet OCCC concurrent enrollment requirements, as well as fully complete the concurrent enrollment process.

GRADE LEVEL: 11-12

CONTENT: After analyzing events in American history from 1400 to 1877 in such areas as revolution, geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present-day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. The course is a general education requirement.

## **U.S. HISTORY 2 (1877 TO PRESENT) OCCC**

002020 (SEMESTER)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITES: U.S. History to 1877 (OCCC Course HIST 1483) and students must meet OCCC concurrent enrollment requirements, as well as fully complete the concurrent enrollment process.

GRADE LEVEL: 11-12

CONTENT: After analyzing events in American history from 1877 to the present in such areas as geographic and social mobility, political reform, government precedents and war, students will be able to identify patterns of present-day mobility, describe governmental operations in their society and help resolve conflict in society based on the student's search for change, precedents, and conflict in the American past. This course is a general education requirement.

## **AMERICAN FEDERAL GOVERNMENT OCCC**

002060 (SEMESTER)

**NHS NNHS CP/WR OP NCAA**

PREREQUISITES: U.S. History and students must meet OCCC concurrent enrollment requirements, as well as fully complete the concurrent enrollment process.

GRADE LEVEL: 12-12

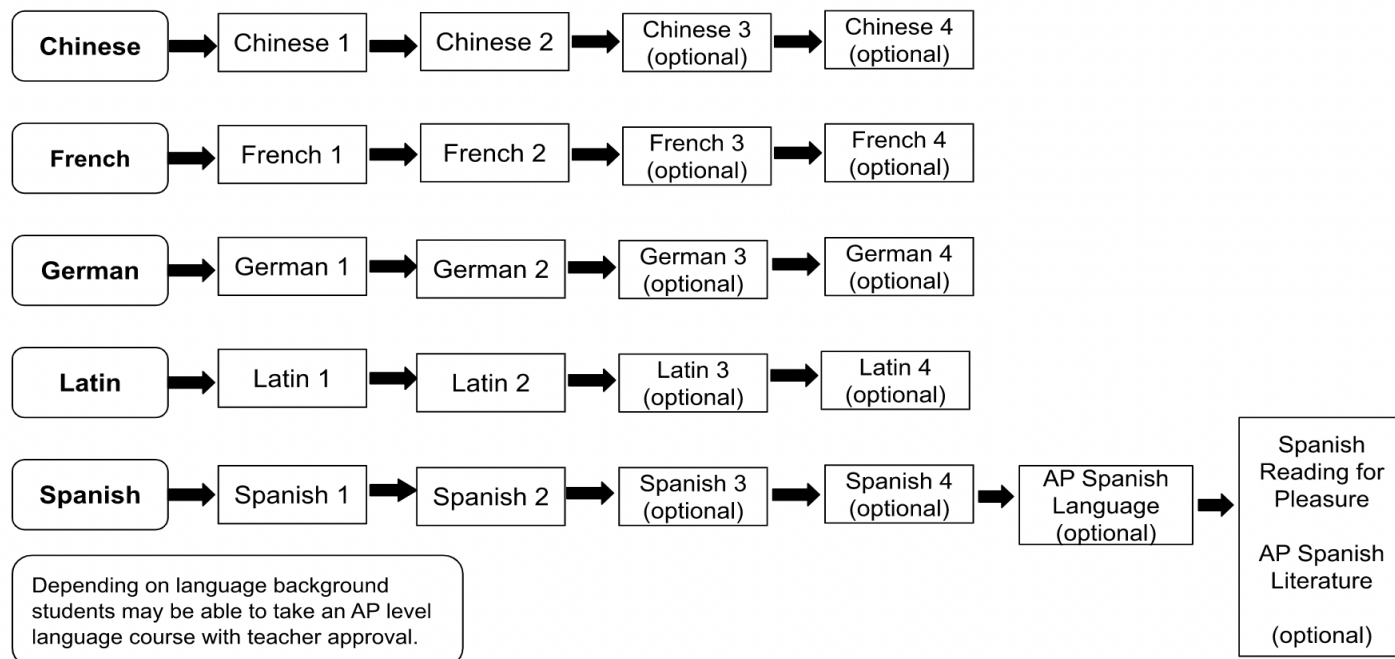
CONTENT: A study of the principles, structure, processes and functions of the United States federal government.



# WORLD LANGUAGES

## World Languages Graduation Requirements

Students must complete 2 years of the same language or 2 years of Computer Technology in order to graduate.



## World Languages

### CHINESE I

009501-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course is designed as an introduction to Mandarin Chinese and the Chinese culture. Songs, games, various media, and hands-on activities will be integrated into the curriculum to aid understanding of the language and the culture. By the end of the year, students should master Han-Yu Pinyin (the Chinese phonetic system) and be able to write and recognize simple Chinese characters, read simple texts, develop elementary sentence building skills, and participate in brief conversations.

### CHINESE II

009511-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Chinese I

GRADE LEVEL: 9-12

CONTENT: This course is designed as a continuation of language skills acquired in Chinese I. Students will expand their vocabulary, understand fundamental grammatical principles, read simple texts, use common structural phrases, write short compositions, and hold basic daily conversations. Various cultural activities are incorporated into the language curriculum.

### CHINESE III

009521-22 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Chinese I & Chinese II

GRADE LEVEL: 9-12

CONTENT: This course is designed as a continuation of language skills acquired in Chinese I and Chinese II. Students will leave the course with a broader vocabulary, more effective communication skills, and improved proficiency with typing Chinese characters on computers. Culture and history studies are integrated into the course to facilitate and supplement learning.

### CHINESE IV

009531-32 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Chinese III

GRADE LEVEL: 11-12

CONTENT: This course will focus on the continued development of Chinese language fluency through reading, speaking, listening, translating, writing, and typing the language. Students will learn vocabulary that will be integrated into more sophisticated sentence structures. Pop and folk songs, poems, calligraphy, culture and historical studies are integrated into the course to facilitate and supplement learning.



## FRENCH I

009001-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: In French I students develop the ability to use French for purposeful communication through speaking, listening, reading, and writing. Students also engage in cultural exploration enabling them to communicate appropriately with the target culture. Assessments may include individual and group projects, oral and written tests and quizzes, and informal assessments throughout the year.

## FRENCH II

009011-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: French I

GRADE LEVEL: 10-12

CONTENT: This course is a continuation of skill development which began in French I including an expansion of vocabulary and grammar structures. Concepts learned in French I are spiraled into instruction, focusing on increased communicative proficiency. Varied cultural activities enhance the learning experience. Assessments may include individual and group projects, oral and written tests and quizzes, and informal assessments throughout the year.

## FRENCH III

009021-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: French II

GRADE LEVEL: 10-12

CONTENT: French III offers extension and refinement of the grammar points and communications skills gained in the first two levels. Strong emphasis is placed on the meaningful use of language in authentic contexts. Understanding of the target culture continues to be a focus. Students will be assessed formally through projects, presentations and tests, and informally throughout the year to assess the four skills of reading, writing, listening, and speaking.

## FRENCH IV

009031-032 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: French III

GRADE LEVEL: 11-12

CONTENT: French IV focuses on the cultural aspects of the language, as well as on refinement of major grammar points and acquisition of vocabulary through the reading of authentic texts. Students are introduced to key events and figures in French history and important literary work including prose, poetry, and drama from each time period. Students also become familiar with art masterpieces. Much emphasis is placed on authentic use of the language in various contexts. Students will be assessed formally through projects, presentations and tests and informally throughout the year to assess the four skills of reading, writing, listening and speaking.

## AP FRENCH

009221-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Teacher Approval

GRADE LEVEL: 12

CONTENT: AP French is designed for students interested in pursuing a rigorous advanced program of French in order to refine their proficiency in speaking, oral comprehension, reading and writing. Students will be expected to take the AP exam administered in the spring semester.

## GERMAN I

009401-2 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. Students are expected to actively participate in classroom activities to reinforce speaking, listening, reading and writing skills. Assessments include individual and group projects, oral and written tests and quizzes and informal assessments throughout the year.

## GERMAN II

009411-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: German I

GRADE LEVEL: 10-12

CONTENT: This course is a continuation of skills developed in German I, including an expansion of vocabulary and structures. Concepts learned in German I are spiraled into German II instruction and are focused on increased communicative proficiency. Varied cultural experiences enhance learning. By the end of the year students will be able to communicate about themselves and their immediate environment in the present and past tense. Assessments include individual and group projects, presentations, oral and written tenses. Assessments include individual and group projects, presentations, oral and written tests and quizzes, and informal measures.

## GERMAN III

009421-22 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: German II

GRADE LEVEL: 10-12

CONTENT: German III offers extension and refinement of the grammar points and communications skills gained in the first two levels. Strong emphasis is placed on the meaningful use of language in authentic contexts. Understanding of the target culture continues to be the focus. Students will be assessed formally through projects, presentations and tests, and informally throughout the year to assess the four skills of reading, writing, listening, and speaking.

## GERMAN IV

009431-2 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: German III

GRADE LEVEL: 11-12

CONTENT: In German IV students develop more sophisticated communication skills in all four domains, reading, writing, speaking, and listening, with emphasis on the ability to interact orally in writing in authentic situations. Students will be assessed formally through projects, presentations and tests and informally throughout the year to assess the four skills of reading, writing, listening, and speaking.

## LATIN I

009101-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Recommended that student has A-B average in previous English classes.

GRADE LEVEL: 9-12

CONTENT: This is an introductory study of the vocabulary and grammar of the Latin language and the Roman civilization. Emphasis is given to the expansion of English vocabulary derived from Latin and to the relationship between English and Latin grammar. Civilization studies include mythology, history and Roman life.

## LATIN II

009111-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Latin I

GRADE LEVEL: 9-12

CONTENT: This course begins with a review of grammar and vocabulary learned in Latin I. Then additional grammar and vocabulary are studied. Continued emphasis is placed upon development of Latin and English vocabulary and the relationship between English and Latin grammar. Major units of study include mythology, the history of the Republic and Roman life.

## LATIN III

009121-22 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Latin II

GRADE LEVEL: 10-12

CONTENT: Completion of the study of Latin grammar. The study of English derivatives continues. Selections are read from works of Caesar, Sallust, and Cicero. In-depth studies include Roman government, mythology, Roman life, and Roman literature.

## AP LATIN VERGIL

009211-12 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Latin III

GRADE LEVEL: 12

CONTENT: AP Vergil is designed for students interested in Latin poetry. This course will focus on Vergil's Aeneid in Latin and English. Sections chosen by the College Board from the Aeneid are read in Latin. Students will study Vergil's use of stylistic and metrical devices to enhance their understanding of the epic. This class will develop a knowledge of the historical time period in which Vergil wrote the Aeneid, paying careful attention to the

political changes and social upheavals. Also, in an attempt to understand the cultural significance of the Aeneid, students will compare Vergil's work with the poems of Greek authors and explore Vergil's impact of future generation of Romans. Students will be expected to take the AP Vergil exam in the spring.

## LATIN IV

009131-32 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Latin III

GRADE LEVEL: 11-12

CONTENT: Selections from Ovid and from Virgil's Aeneid are read in Latin and the English translation of the Aeneid is read and studied in depth. Epic poetry, poetic style, and scansion are discussed. A study of ancient Greek civilization is made, and emphasis on English derivatives continues.

## LATIN V

009141-42 (YEAR)

NNHS CP/WR OP NCAA

PREREQUISITE: Latin IV and teacher approval

GRADE LEVEL: 11-12

CONTENT: This course is usually offered as an independent study class during the Latin IV class. Study of Roman literature continues, including the works of Ovid, Catullus, Pliny, Horace, and Martial. Study of Roman and Greek civilization and mythology continues. Students may have input in suggesting study topics.

## SPANISH I

009151-52 (YEAR)

NHS NNHS EE CP/WR OP MS NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. Students are expected to actively participate in classroom activities to reinforce speaking, listening, reading, and writing skills. Assessments include individual and group projects, oral and written tests and quizzes and informal assessments throughout the year. By the end of the year, students will be able to talk and write about themselves and their immediate environments.

## SPANISH II

009161-62 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Spanish I

GRADE LEVEL: 9-12

CONTENT: This course is a continuation of skills developed in Spanish I, including an expansion of vocabulary and grammatical principles. Concepts learned in Spanish I, are integrated into instruction, focusing on increased communicative proficiency. Reading, listening, writing and oral exercises of all types are practiced for the mastery of the material. Culture is emphasized throughout the course. By the end of the year students will be able to communicate about themselves and their environment in the present and past tense. Assessments include individual and group projects, presentations, oral and written tests and quizzes, and informal assessments throughout the year.

**All course offerings are dependent on student interest and enrollment. [Return to Table of Contents](#)**

### SPANISH III

009171-72 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Spanish II

GRADE LEVEL: 9-12

CONTENT: Students will continue to develop and refine their proficiency in reading, writing, listening and speaking, with emphasis on their ability to interact orally and in writing with each other and Spanish-speakers from other countries. They communicate using more complex language structures on a variety of topics. Readings include a variety of authentic texts, including poetry, fiction, and newspaper articles. Students will be assessed formally through projects and presentations and informally throughout the year to assess the four skills of reading, writing, listening, and speaking.

### SPANISH IV

009181-82 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Spanish III

GRADE LEVEL: 10-12

CONTENT: This course is designed to prepare students for AP Spanish. Students develop more sophisticated communication skills in all four proficiencies, reading, writing, speaking, and listening, with the emphasis on the ability to interact orally and in writing in authentic situations. Authentic reading selections are emphasized at this level to prepare the students for the AP exam. Students communicate using more complex language structures and express abstract ideas with reasonable fluency. Students will be assessed formally through projects and presentations and informally throughout the year to assess the four skills listed above.

### SPANISH READING FOR PLEASURE

003260 (SEMESTER)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Teacher Recommendation

GRADE LEVEL: 9-12

CONTENT: This course is for students who have grown up speaking Spanish as their first language and for students who have successfully completed the AP Spanish Language course. It is designed to heighten student engagement and interest in reading and literature in Spanish. This class will focus intensively on reading and writing and promote higher proficiency in Spanish, building on students' literacy skills. Students will read and write daily and will engage in journaling in order to demonstrate their thoughts and perspectives. Discussions and presentations may be incorporated in order to share ideas and observations.

### AP SPANISH LANGUAGE & CULTURE

009201-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Spanish IV or Teacher Approval

GRADE LEVEL: 10-12

CONTENT: AP Spanish is designed for students interested in pursuing a rigorous, advanced program of study to refine their proficiency in speaking, listening comprehension, reading and writing. The course, conducted entirely in Spanish, stresses authentic communication with the emphasis on the following: the ability to communicate using more sophisticated communication skills, the acquisition of vocabulary and a grasp of structure to allow the reading of both newspaper articles and modern literature, the ability to compose expository pieces, the ability to express ideas orally with accuracy and fluency. Students should take the AP exam in the spring.

### AP SPANISH LITERATURE & CULTURE

009301-02 (YEAR)

NHS CP/WR OP NCAA

PREREQUISITE: AP Spanish Language and Culture

GRADE LEVEL: 11-12

CONTENT: AP Spanish Literature and Culture is for students who wish to continue studying the language through literature. The course uses the thematic approach to introduce students to representative texts (short stories, novella, poetry and essays) from Peninsular Spanish, Latin American, and United States Hispanic literature. Students develop proficiencies across the full range of communication modes (interpersonal, presentational, and interpretive), thereby honing their critical reading and analytical writing skills. Literature is examined within the context of its time and place, as students reflect on the many voices and cultures present in the required reading. The course also includes a strong focus on cultural connections and comparisons, including exploration of various media (e.g. art, film, articles, literary criticism).

## Electives

### Agriculture

#### AGRICULTURAL COMMUNICATIONS

007351-52 (YEAR)

NOTE: This course can count as a Fine Arts credit if Agri-Science has been completed first.

**NHS NNHS**

PREREQUISITE: Agri-Science I and Teacher Approval

GRADE LEVEL: 10-12

CONTENT: If you are interested in photography, writing, journalism, or public presentations, Agricultural Communications is the class for you. The curriculum prepares students to use numerous methods of media to promote and educate our strong agricultural industry in Oklahoma and the United States. Students will have the opportunity to use hands-on experiences to prepare written materials for journalistic writing, business writing, and public presentations such as demonstrations and speeches. Students will develop their skills in photography and take these photos to competitive events in FFA. Students will develop public speeches and demonstrations to present in competitive events as well as public forums.

#### AGRI-SCIENCE

007311-12 (YEAR)

**NHS NNHS EE**

PREREQUISITE: None

GRADE LEVEL: 9-10

CONTENT: Curriculum provides information, knowledge and skills associated with career areas related to agriculture. This course provides laboratory, lecture and competitive activities through the FFA for students to enhance their classroom learning. This course includes information to the areas of agriculture leadership, animal science, plant science/agronomy, agribusiness/marketing, agriculture safety, parliamentary procedure, supervised agricultural experience program, record keeping, animal science (the livestock industry, beef breeds, and selection, swine breaks and selection, sheep breeds and selection, dairy breeds and selection, horse breeds and selection), and power and technology, orientation and safety, arc welding, metalwork, gas cutting.

#### AGRICULTURAL POWER & TECHNOLOGY I, II & III

007321-22 (YEAR)

**NHS NNHS**

PREREQUISITE: Agri-Science and Teacher Approval

GRADE LEVEL: 10-12

CONTENT: Curriculum provides information about the selection, operation, maintenance, and use of agricultural power, electronics, electricity, agricultural machinery and equipment, structures and utilities, soil and water management and agricultural mechanics shop, including welding, cutting and metallurgy. This course includes information in the areas of introduction to agricultural mechanics, agricultural power and machinery, agricultural electrification, agricultural structures, light construction, and welding and gas cutting.

#### ENVIRONMENTAL SCIENCE & NATURAL RESOURCES

007421-22 (YEAR – Alternates yearly with Animal Science)

**NHS NNHS**

PREREQUISITE: Agri-Science

GRADE LEVEL: 10-12

CONTENT: This course is designed to provide learning opportunities for students who are interested in environmental studies and natural resources. After completing this course, the student will have a better understanding of how important the environment is to us and how it affects our everyday lives. This class will cover different areas in ecology, management, and conservation. Students will also be able to use the proper safety tips when faced with outdoor situations.

#### EQUINE PRODUCTION & MANAGEMENT

007341-42 (YEAR)

**NHS NNHS**

PREREQUISITE: Agri-Science and Teacher Approval

GRADE LEVEL: 10-12

CONTENT: Curriculum focuses on information and practical skills related to basic equine production and management. This includes information in the area of basic horse production, handling, and grooming, handling young, unbroken horses, horse health and disease prevention, basic first aid, parasites, fundamentals of foot care, practical horse nutrition, fertility and genetics of production, breeding efficiency and mating procedures, care of mare and foal, selection and marketing the horse, transporting the horse, physical facilities and stable management, and selection and care of tack.

#### ANIMAL SCIENCE

007411-12 (YEAR -Alternates yearly with Environmental Science & Natural Resources)

**NHS NNHS**

PREREQUISITE: Agri-Science and Teacher Approval

GRADE LEVEL: 10-12

CONTENT: This course is designed to give students learning opportunities related to animal health care and the important uses of animals. This course is also designed to integrate math skills and other sciences such as biology and genetics. After completing this course, students will have a better understanding on how to care for animals and the many products that animals provide.

#### HORTICULTURE I

007371-72 (YEAR)

**NHS NNHS**

PREREQUISITE: Agri-Science and Teacher Approval

GRADE LEVEL: 10-12

CONTENT: Curriculum is concerned with the culture of plants in greenhouses and other controlled environments. Competencies are important in establishing, maintaining, and managing ornamental horticulture enterprises. This course includes information in the areas of introduction to horticulture, greenhouse operation and management, floriculture, landscape management, arboriculture, fruit and nut production, vegetable production,

interior plant-scape and garden center operation. This course will work with the school-based enterprise which allows the students to operate a horticulture business that will provide services such as landscaping, mowing and trimming, designing floral arrangements, growing and selling plants, as well as maintaining plants for businesses.

## **HORTICULTURE II & III**

007381-82 (YEAR)

**NHS NNHS**

PREREQUISITE: Agri-Science & Horticulture I and Teacher Approval

GRADE LEVEL: 11-12

CONTENT: This course is a continuation of Horticulture I with more opportunities for students to enhance their learning and skills.

Students in this course will work with the school-based enterprise.

## **Business**

Internet access may be required for these courses.

### **ACCOUNTING I**

006041-42 (YEAR)

**NNHS**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Accounting 1 (financial accounting) will focus on students learning how to record and measure company transactions, how to communicate the information collected to investors through financial statements, and how investors make informed decisions. Additionally, students will learn valuable life skills about interest rates, investing (stocks and real estate), budgeting, spreadsheets, and other personal financial literacy topics.

### **ACCOUNTING II**

006051-52 (YEAR)

**NNHS**

PREREQUISITE: Accounting I

GRADE LEVEL: 10-12

CONTENT: Accounting 2 (managerial accounting) will focus on identifying, measuring, analyzing, interpreting, and communicating financial information to managers, rather than investors, to help them make informed decisions about how the company should operate. Additionally, students will learn valuable life skills about interest rates, investing (stocks and real estate), budgeting, spreadsheets, and other personal financial literacy topics.

### **SPORTS & ENTERTAINMENT MARKETING**

006241 (YEAR) (SEMESTER @ **EE**)

**NHS NNHS EE**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This is a specialized course designed for students with a career interest in the sports and entertainment industry, economics, decision-making, event marketing, sales and sales promotions, event executions, legal aspects/contracts and career opportunities. Classroom instruction will be reinforced through the use of outside lectures, case studies, field trip experiences, job shadowing, current periodicals, computers and software, in-house

projects and constructive discovery learning. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization. Students are not required to be a member of this organization, though it is highly recommended for the class. Upon successful completion of this course the student will develop their understanding of marketing in the sports and entertainment industry and build skill to pursue a career pathway in Marketing, Sales and Service.

### **FUNDAMENTALS OF WEB DESIGN I**

006135 (SEMESTER)

**NHS NNHS CP/WR OP**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Web Design I is an introduction to HTML5 and CSS3, which are both coding languages used to develop websites. Students will learn text elements, links, images, tables, positioning, gradients, videos, internal and external style sheets, etc. Additionally, students will learn several important computer skills that many students do not possess coming into the class.

### **FUNDAMENTALS OF WEB DESIGN II**

006145 (SEMESTER)

**NHS NNHS CP/WR OP**

PREREQUISITE: Web Page Design I

GRADE LEVEL: 10-12

CONTENT: In Web Page Design II, students will use Dreamweaver to create and manage websites. Topics include adding images, working with links and navigation, and positioning objects with CSS and tables. Students also use Photoshop to create and edit images for the web and Flash for creating animation.

### **COMPUTER APPLICATIONS I**

006155 (SEMESTER)

**NHS NNHS CP/WR OP**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course is designed to enable the student to become proficient in the use of the Microsoft Office Suite. This suite includes Excel, Access, Word and PowerPoint. This course could be the first step in preparing the student to take the Microsoft Office Specialist certification in one or more of the above applications.

### **COMPUTER APPLICATIONS II**

006165 (SEMESTER)

**NHS NNHS CP/WR OP**

PREREQUISITE: Computer Applications I

GRADE LEVEL: 9-12

CONTENT: This course is designed for students who wish to further their skills and knowledge of the Microsoft Office Suite. This suite includes Microsoft Excel, Access, Word and PowerPoint. This course helps prepare the student to take the Microsoft Office Specialist certification tests, which are offered off-site and are the responsibility of the student.



## Computer / Technology Education

### AVIATION I

CT6511-14 (YEAR)

**NHS NNHS CP/WR**

PREREQUISITE: Enrolled in the Oklahoma Aviation Academy at Norman Public Schools.

GRADE LEVEL: 9-12

CONTENT: Aviation I is part of the Oklahoma Aviation Academy at Norman Public Schools. This course is for students interested in learning about flight, unmanned aircraft systems (drones) and other important STEM topics. Students enrolled will study aviation history, aviation safety, and the systems of flight. Aviation I will provide the foundation for advanced exploration in the areas of flying, aerospace engineering, and unmanned aircraft systems. Students will learn about engineering practices, problem solving, and the innovations and technological developments that have made today's aviation and aerospace industries possible. Students will also learn about the wide variety of exciting and rewarding careers available to them. The ninth-grade course will inspire students to consider aviation and aerospace careers while laying the foundation for continued study in grades 10 through 12 and beyond. Students who remain in the aviation course pathway will be able to enroll in Aviation II, Aviation III, and Aviation IV while at Oklahoma Aviation Academy at Norman Public Schools.

### AVIATION II

CT6521-24 (YEAR)

**NHS NNHS CP/WR**

PREREQUISITE: Enrolled in the Oklahoma Aviation Academy at Norman Public Schools.

GRADE LEVEL: 10-12

CONTENT: Aviation II is part of the Oklahoma Aviation Academy at Norman Public Schools. In this course, students will take an in-depth look at the systems that make manned and unmanned aircraft work. Beginning with aircraft propulsion, students will learn about the different types of engines that produce thrust to propel an aircraft or UAS. They will go on to explore other key aircraft systems, including fuel, electrical, landing gear, and environmental. In order to fly an aircraft safely, students must also learn about the flight instruments associated with each system and how to identify and troubleshoot common problems. This course also covers airplane flight manuals, the pilot's operating handbook, and required aircraft documents. Finally, students will complete a project of designing their own airplane, and will explore the benefits of mentorship and work-based learning experiences.

### COMPUTER SCIENCE ESSENTIALS

006146-47 (YEAR)

**NHS NNHS CP/WR OP**

PREREQUISITE: None

GRADE LEVEL: 9-11

CONTENT: This course is designed to be a full-year course implemented in the 9th grade. This course is an excellent entry point for new high school computer science (CS) learners. And students who have prior CS experiences will find ample opportunity to expand upon those experiences in this course. All students who take CS Essentials will have many opportunities for creative

expression and exploration in topics of personal interest, whether it be through app development, web design, or connecting computing with the physical world. In CS Essentials, students will use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python to create apps and develop websites, and learn how to make computers work together to put their design into practice. They will apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science A.

### AP COMPUTER SCIENCE PRINCIPLES

006143-44 (YEAR)

**NHS NNHS CP/WR OP**

PREREQUISITE: Algebra I recommended or teacher permission

GRADE LEVEL: 10-12

CONTENT: The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and their impacts to their community, society, and the world. Students are encouraged to take the AP exam in the spring.

### COMPUTER PROGRAMMING I

006115 (SEMESTER)

**NHS NNHS CP/WR OP**

PREREQUISITE: Algebra 2 or teacher permission

GRADE LEVEL: 10-12

CONTENT: This course is a foundational programming course focusing on the application side of the Java programming language. The program's developmental topics include Java object-oriented programming structure, class design, fundamental data types, math operations, input, output, selection, looping, and arrays. This course can be challenging and should not be a first course in computers.

### COMPUTER PROGRAMMING II

006125 (SEMESTER)

**NHS NNHS CP/WR OP**

PREREQUISITE: Computer Programming I and teacher permission

GRADE LEVEL: 10-12

CONTENT: This course is an extension of Computer Programming I. Students will program in Java and begin to master object-oriented programming techniques. The course includes advanced programming topics including interfaces, polymorphism, inheritance, exception handling, file I/O, streaming, and graphical user interface development.

## AP COMPUTER SCIENCE A

006141-42 (YEAR)

**NHS NNHS CP/WR OP**

PREREQUISITE: Algebra II, Computer Programming I, or demonstrated competencies in computer programming and teacher recommendation.

GRADE LEVEL: 11-12

CONTENT: This course is an intense study of computer programming that will focus on mastering the objectives of the APCS Java subset. Students will be expected to and encouraged to take the AP exam in the spring.

## Family & Consumer Sciences

### BABY STEPS CLASS

008311-12 (YEAR) (May be repeated for credit)

**NHS NNHS**

PREREQUISITE: Students must have special permission and sign an attendance contract.

GRADE LEVEL: 9-12

CONTENT: Baby Steps is a program for high school students who have children; or who are expecting. This class may be taken multiple times for credit and is only available by special permission. Curriculum for the course includes child development, discipline, health, safety, parenting skills, coping strategies, and related topics.

### PRINCIPLES OF HUMAN SERVICES (FCS Basics)

008463-64 (YEAR)

**NHS NNHS**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: An introductory study designed specifically for high school students interested in learning about occupations in the field of human services focusing on the five career pathways within the human services career cluster. Students will discover which careers are expected to experience high growth as well as the aptitudes, attitudes, and skills; education and training; and specialized knowledge needed to succeed in a wide variety of human services careers. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

### LIFETIME NUTRITION AND WELLNESS (FOODS 1 AND FOODS 2)

008556-57 (YEAR)

**NHS NNHS**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: A laboratory course in which students use nutrition knowledge to make informed choices to promote lifetime wellness, the importance of healthy eating and physical activity across the life span. Students will learn safe food handling practices, healthy menu planning and food preparation techniques, and how to recognize sources of stress and healthy strategies to reduce the impact of stress on total wellness. Needs of the competitive athlete are also addressed. Student leadership through Family, Career and Community Leaders of America (FCCLA) is an integral part of this course.

## HUMAN GROWTH AND DEVELOPMENT

008465-66 (YEAR)

**NHS NNHS**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: In this course, students 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.

### FASHION DESIGN

008581-82 (YEAR)

**NHS NNHS**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: This course introduces students to basic apparel design and construction skills. Students will examine the elements and principles of design, plan a wardrobe, how to properly care for clothing, select appropriate fabrics for a selected pattern, learn operations of sewing technology and equipment as well as apply basic sewing skills.

## Fine Arts

### AGRICULTURE EDUCATION

This course is located at the Norman High School campus, but is open to students at NHS and NNHS. Agri-Science is mandatory before taking any other agricultural classes.

### AGRICULTURAL COMMUNICATIONS

007351-52 (YEARLY)

**NHS NNHS FA**

PREREQUISITE: Agri-Science I and Teacher Approval

GRADE LEVEL: 10-12

CONTENT: If you are interested in photography, writing, journalism, or public presentations, Introduction to Ag Communications is the class for you. The curriculum prepares students to use numerous methods of media to promote and educate our strong agricultural industry in Oklahoma and the United States. Students will have the opportunity to use hands-on experiences to prepare written materials for journalistic writing, business writing, and public presentations such as demonstrations and speeches. Students will develop their skills in photography and take these photos to competitive events in FFA. Students will develop public speeches and demonstrations to present in competitive events as well as public forums.

## ART

### ART I

007201-02 (YEAR)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Please note that this course meets for a Full Year. This course is the beginning level art course needed to meet the

prerequisite for Art II. Students will learn basic drawing concepts including light and shade, line quality, rendering of form, composition, and illusion of depth. Students will learn to manipulate formal qualities, design and concepts to create original works of art. Focus will be on observational drawing, articulating the principles of design through organized use of the elements. The course also includes art history, sketchbook development, and creative expression.

## **ART II**

007211-12 (YEAR)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Art I

GRADE LEVEL: 10-12

CONTENT: This course is designed for all students who wish to further their artistic skills and knowledge of the arts and who have a serious interest in the fine arts. During the first semester, students continue the study of basic drawing, composition, and painting. The elements and principles of design also are covered. During the second semester, students continue work from the first semester as well as work with additional media and techniques. Art history and aesthetics are an important part of this course.

## **ART III**

007221-22 (YEAR)

**NHS NNHS CP/WR OP FA**

PREREQUISITES: Art II, Teacher approval

GRADE LEVEL: 11-12

CONTENT: This course is designed for students who are serious about and have demonstrated considerable ability in the visual arts. Students continue to review, build, and expand upon the foundation laid in Art I and Art II. In addition, the course provides an exploration of media and techniques for the advanced student. Students are expected to work 2-3 hours per week outside of class and become increasingly independent in their pursuit of art.

## **3-DIMENSIONAL ART I**

007225 (SEMESTER)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: This course is designed for all students. It is recommended for the student considering a future in the arts as a means of artistic development. It is also recommended to any student particularly interested in a tactile or “hands-on” creative learning experience. The student will be instructed in a sequential program consisting of the development and learning of a variety of skills and concepts designed to improve the student’s ability to create work in a variety of 3-dimensional media with emphasis on originality and proper construction.

## **3-DIMENSIONAL ART II**

007235 (SEMESTER)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: 3d Art I

GRADE LEVEL: 10-12

CONTENT: This course is designed for all students. It is recommended for a student considering a future in the arts and as a means of artistic development. It is also recommended to any student particularly interested in tactile or “hands-on” creative learning experience. The student will be instructed in a sequential program consisting of the development and application of a variety of skills and concepts designed to improve the student’s ability to create work in a variety of 3-dimensional media with emphasis on originality and proper construction.

## **INDEPENDENT STUDY IN THE VISUAL ARTS**

007275 (SEMESTER) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Teacher Approval

GRADE LEVEL: 11-12

CONTENT: This course is designed in the manner of a Capstone course. It offers the opportunity to study and practice the visual arts in a manner similar to that in which a professional or amateur artist might practice. All areas of the visual arts may be addressed, including traditional arts and mediums. Coursework will focus on an in-depth investigation of a single visual concept in one or more mediums. Elements and principles of visual arts will be introduced and reinforced throughout the course in accordance with State and National Standards in the Visual Arts. Examples of possible study projects could include the textile arts, jewelry arts, drawing, painting, and sculpture. This course requires organizational skills and self-motivation. Students will prepare artwork and written documents for an exhibition of their work at the conclusion of the semester.

## **DIGITAL ART**

007176 (SEMESTER)

**NHS NNHS FA**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course will teach basic art techniques using the medium of digital art. Students will utilize a variety of digital programs (i.e. Adobe Illustrator, Adobe Photoshop) as they create artwork.

## **AP STUDIO ART**

007241-42 (YEAR) (may be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Teacher approval

GRADE LEVEL: 10-12

CONTENT: This is one of the three most advanced visual arts courses available at the high school level. It is designed for students considering a future in the arts, as well as those who are serious about their art. This course emphasizes quality, concentration (a sustained development of an individual theme), and breadth (experience in a range of approaches to art-making) of the students’ work. Drawing addresses, a very broad interpretation of drawing issues and media. Students are expected to be self-motivated and to work 3-5 hours per week outside the scheduled class time. Each student assembles a portfolio of original works to be submitted for an AP exam.

## DANCE

### MODERN DANCE I -ART AND 3D PERFORMANCE

007161-62 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Previous dance experience helpful, but not required.

GRADE LEVEL: 9-12

CONTENT: Students discover the joy of dancing with the whole body, experiencing dance as a fine art, both individually and within a group, for the sake of meaningful communication. The course is a balanced introduction of technique training and structured improvisation. Basic skills derived from technique include awareness of alignment, coordination, improved flexibility and strength, and concentration. Structured improvisation introduces the students to the building blocks of composition, dealing with elements of shape, space, time, weight and flow. Interpersonal skills include trust and sharing in the creative process. Performing in a formal setting is required. Additional opportunities to perform on stage are available, requiring an audition and rehearsals outside of class time. Students are asked to perform informally as a class for other classes at school.

### MODERN DANCE II -ART & 3D PERFORMANCE

007171-72 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Audition and/or Teacher approval

GRADE LEVEL: 9-12

CONTENT: Students develop increased proficiency in technique and structured improvisation, enhancing efficiency of execution, variety of movement, vocabulary, and range of dynamic expression. Students increase their knowledge of terminology and modern dance history. Responsibility for developing original choreography is emphasized. Student choreography is adjudicated by dance faculty prior to acceptance in the annual concert. Students perform informally as a class for other classes at school and for the annual modern dance concert. Additional performing opportunities may include sign-up assemblies for elementary, middle, and high schools, attendance at regional conferences, and invited performances with local companies. Faculty choreography requires an audition and rehearsal outside of class time. In all of the performing arts classes, a percentage of the grade is based on actual performances that take place outside of the school day. Rehearsals are often held before or after school.

## ELECTIVE ENGLISH/FINE ARTS

### FILM AS LITERATURE (FA)

001257 (SEMESTER)

(Fine Arts credit only if taught by a Fine Arts certified teacher)

**NHS NNHS FA**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: The premise of this class is based on the belief that film is a type of literature with a language all of its own. It is an English elective, and the class is taught as any other literature class. Students study basic film terminology, techniques, and interpretation, as well as film history.

## INSTRUMENTAL MUSIC

### BAND

007001-02 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Previous experience, Teacher recommendation, and/or audition

GRADE LEVEL: 9-12

CONTENT: Band is a one-year elective for students with previous training in woodwind, brass, and percussion instruments. Students participate in marching band, concert band, and have the opportunity to participate in various other groups. The band performs a variety of musical styles. Required (graded) events may include concerts, contests, athletic events, and parades. Required (graded) rehearsals and performances take place outside the school day. When Band meets as a "zero" hour class, students must provide their own transportation. Winds and Percussion who play in Symphonic Orchestra must be concurrently enrolled in Band. Students who play in Jazz Band must be concurrently enrolled in Band or Orchestra.

### ORCHESTRA I

007041-42 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Placement audition (strings only)

GRADE LEVEL: 9-12

CONTENT: Orchestra is a one-year elective for students with previous middle school or high school training in stringed instruments. This orchestra is designed for students to acquire, refine and expand their fundamental skills and apply them to a wide variety of string orchestra literature. Students participate in the large ensemble and have the opportunity to participate in various other groups. Required (graded) events may include concerts and contests. Required (graded) rehearsals and performances take place outside the school day.

### ORCHESTRA II

007051-52 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Strings: Placement Audition. Winds and Percussion: Placement Audition, Teacher Permission, and Concurrent Enrollment in Band.

GRADE LEVEL: 9-12

CONTENT: Orchestra is a one-year elective for students with previous training in stringed instruments. This orchestra is designed primarily for students who demonstrate a high level of fundamental skills, technical fluency, and advanced musicianship as well as responsibility, reliability and exceptional preparation. This class will provide exposure to a wide variety of challenging symphonic orchestral literature at a faster pace. Students participate in the large ensemble and have the opportunity to participate in various other groups. Required (graded) events may include concerts and contests. Required (graded) rehearsals and performances take place outside the school day.



## ORCHESTRA III

007061-62 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Placement auditions (strings only)

GRADE LEVEL: 9-12

CONTENT: Orchestra is a one-year elective for students with previous training in stringed instruments. This orchestra is designed to refine and expand students' fundamental skills and apply them to a wide variety of string orchestra literature. Students participate in the large ensemble and have the opportunity to participate in various other groups. Required (graded) events may include concerts and contests. Required (graded) rehearsals and performances take place outside the school day.

## JAZZ BAND

007021-22 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Audition and concurrent enrollment in Band or Orchestra

GRADE LEVEL: 9-12

CONTENT: The jazz band studies contemporary music styles, performance practices and improvisation. This ensemble may perform at concerts, contests, athletic events and other public functions. Membership is determined by audition and is limited to "big band" instrumentation. An exception may be considered to the concurrent enrollment policy if a qualified musician cannot be found for a rhythm section instrument (i.e. guitar, piano, drums). Required (graded) events may include concerts and contests. Required (graded) rehearsals and performances take place outside the school day.

## MUSIC IMMERSIVE EXPERIENCE

007196 (SEMESTER)

**NHS**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: In this course, students would explore the art of making music on a ukulele, an Orff percussion instrument, drums and digitally in GarageBand). Students will work toward basic mastery of these instruments while learning to play in an ensemble.

## CHORAL MUSIC

### TENOR-BASS CHORUS

007123-24 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This choir learns and performs a wide variety of choral literature including folk, popular music, sacred, classical and spirituals for participation in concerts, contests, and festive workshops. The basic skills of sight reading, ear training, and basic theory are an integral part of this course. This group meets during school hours and does have rehearsals and performances outside the school day.

### 9TH TREBLE CHORUS

007111-12 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: This choir learns and performs a wide variety of music literature including folk, popular, sacred, classical and spirituals for participation in concerts, contests, and festival workshops. An audition for appropriate placement is required. The basic skills of sight-reading, ear training and basic theory are an integral part of this course. This group meets during school hours and has required rehearsals and performances outside the school day.

### 10TH-12TH TREBLE CHORUS

007121-22 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: This choir learns and performs a wide variety of choral literature including folk, popular music, sacred, classical and spirituals for participation in concerts, contests, and festive workshops. The basic skills of sight-reading, ear training, and the basic theory are an integral part of this course. This group meets during school hours and does have rehearsals and performances outside the school day.

### CHAMBER CHOIR

007141-42 (YEAR) (May be repeated for credit)

**NNHS CP/WR OP FA**

PREREQUISITE: Audition and concurrent enrollment in another choir

GRADE LEVEL: 9-12

CONTENT: This choir is a small ensemble that studies and performs music from the Renaissance through Contemporary periods. The majority of the music will be performed a cappella. Required public performances for the Chamber Choir may include concerts, festivals, and school assemblies. Enrollment is not permitted until after audition and selection.

### CHORALE

007181-82 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Audition and secondary choral experience recommended

GRADE LEVEL: 10-12

CONTENT: This choir learns and performs a wide variety of music literature including folk, popular music, sacred, classical and spirituals for participation in concerts, contests, and festival workshops. The basic skills of sight-reading, ear training, and basic theory are an integral part of this course. This group meets during school hours and has rehearsals and performances outside the school day. This course is for all student voices.

### JAZZ CHOIR

007151-52 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Audition and concurrent enrollment in another choir

GRADE LEVEL: 10-12

CONTENT: This group consists of students who sing and entertain. This choir participates in several concerts, contests, and festivals each year. During peak performance times, extra rehearsals and performances may be held outside the class period. This class meets early mornings.



## **SPEECH / ACTING / DEBATE**

### **INTRODUCTION TO ACTING**

001505 (SEMESTER)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 9-10

CONTENT: This course introduces students to basic techniques and practices of the stage actor. Students begin by doing improvisations and pantomimes; they then move to a study of voice and diction and the interpretation of scenes and dramatic monologues. The second half of the semester is spent learning the fundamentals of characterization, blocking, and staging. Students are required to memorize short scenes from teacher selected plays, rehearse and present them in class.

### **ADVANCED ACTING**

001521-22 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Introduction to Acting or Teacher Approval

GRADE LEVEL: 9-12 (9<sup>TH</sup> grade with teacher approval)

CONTENT: This course is for the advanced actor who is interested in further studies of the acting process and analysis of dramatic literature. Peer analysis and self-analysis is a part of the acting process. Active participation is imperative and assigned to help the student grow in power as an actor. Required (graded) rehearsals, performances and events take place outside the school day.

### **COMPETITIVE ACTING / SPEECH**

001541-42 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Permission from High School or Middle School Instructor

GRADE LEVEL: 9-12

CONTENT: This course is designed for students who are interested in the development of acting skills for the purpose of competing in acting, oral interpretation, and speaking events. Students will attend four to ten contests per year and may earn membership in the National Speech and Debate Association. Speech contests typically take place on Fridays and Saturdays and include some or all of the following events: standard oratory, original oratory, dramatic and humorous interpretation (solo acting), poetry and prose interpretation, monologue and dramatic and humorous duets. One Act play competition and a Reader's Theatre performance is held annually. Competition at contests, as well as outside of class rehearsals and performance time is required.

### **COMPETITIVE DEBATE**

001551-52 (YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course is designed for students interested in learning and developing techniques for organized argumentation (both written and oral), public speaking and research. The skills gained in this course will assist students with writing and speaking in other courses, as well as in college and career preparation. Students will attend four to ten contests per year and may earn membership in the National Speech and Debate Association. Debate contests typically take place on Fridays and Saturdays and may include some or all of the following competitive events: public forum debate, Lincoln-Douglas debate, policy debate, foreign

extemporaneous speaking, and domestic extemporaneous speaking. Competition at contests as well as outside of class practices are required.

### **SPEECH COMMUNICATION I**

001591 (SEMESTER)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: The objectives of Speech Communication are to help students become more articulate and more self-confident communicators. This course emphasizes communication in various forms including written communication, interpersonal, intrapersonal, group communication, and decision making/argument skills.

### **SPEECH COMMUNICATION II**

001592 (SEMESTER)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Speech Communication I recommended but not required

GRADE LEVEL: 9-12

CONTENT: The objectives of Speech Communication are to help students become more articulate and more self-confident communicators. The second half of the course includes the techniques of organizing, supporting, and delivering public speeches. Emphasis is placed on the reasoning and evidence gathering skills required for higher-order thinking, informing, and persuading others. Students learn active listening skills and are required to provide constructive feedback to classmates.

### **STAGECRAFT -3D CONSTRUCTION**

001581-82 (SEMESTER OR YEAR) (May be repeated for credit)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: **Teacher permission is required at NHS ONLY before enrolling. NNHS Teacher permission is not required.**

GRADE LEVEL: 9-12

CONTENT: Students are introduced to the fundamentals of technical theatre including the building of scenery, the use of hand and power tools, scene painting, sound effects and lighting. Students function as crew members for all school productions. Students will spend a significant amount of after class and weekend time outside the class during rehearsal and performance phases of the production. Required (graded) rehearsals, performances and events take place outside the school day.

### **COSTUME DESIGN**

001585 (SEMESTER)

**NHS**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course is an introduction to the principles, elements and practicalities of costume design and their relation to design in the theater. The student will learn how to communicate design choices both visually and verbally through rendering techniques and research. This will include: figure drawing; how the elements and principles of design relate to and are utilized in costume design; collaboration; script analysis; research methods; costume design process; character analysis; the function and purpose of costumes in theater; an introduction to fashion history; and rendering techniques.

## Health

### WELLNESS & FITNESS

005015 (SEMESTER)

**NHS NNHS**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students study wellness issues including controlling their health and managing stress. Topics covered demonstrate the benefits of fitness, foods, nutrition, and exercise, as well as living in a healthy environment.

## Interdisciplinary Studies

### AP CAPSTONE SEMINAR

000281-82 (YEAR)

**NHS NNHS NCAA**

PREREQUISITE: None

GRADE LEVEL: 11 AND 12

CONTENT: AP Capstone is a TWO-YEAR HIGH SCHOOL COURSE designed to complement and enhance the in-depth and discipline specific study provided through various AP courses in grades 9 through 11. Students will study global issues from multiple perspectives using writing, reasoning, and collaboration skills. Students will be required to apply critical thinking, to use collaborative problem solving, and to deepen their research skills in cross-curricular content. This course is intended to foster practice and application of core skills through engaging issues that are highly relevant to students' lives. This course will require completion of a team project, individual presentation, and written examination(s).

### AP CAPSTONE RESEARCH

000291-92 (YEAR)

NOTE: This course will fulfill the required English IV credit for high school graduation but does not meet Oklahoma Promise (OHLAP) course requirements.

**NHS NNHS NCAA**

PREREQUISITE: AP Capstone Seminar

GRADE LEVEL: 12

CONTENT: AP Capstone Research allows students to deeply explore an academic topic, problem, or issue of individual interest. Through this exploration, students design, plan, and conduct a yearlong mentored, research-based investigation to address a specific question. The course culminates in an academic thesis paper of approximately 5,000 words and oral defense.

### INTERNSHIP AND WORK BASED LEARNING

**Juniors** - 006385 **Seniors** - 006395 (SEMESTER)

**NHS NNHS**

PREREQUISITE: Application

GRADE LEVEL: 11-12

CONTENT: The purpose of the Norman Public Schools Internship and Work Based Learning Program is to provide student opportunities for career exploration. The program is recommended to high school Juniors and Seniors, with a minimum age of 16, who are in the process of seeking their career goal. The Norman Public

Schools Internship and Work Based Learning Program can give a student career direction by validating or eliminating certain fields or majors. An early internship and work based learning can help a student gain confidence and a better understanding of the professional world. This type of experience can be applied to their academic and personal life. Students are required to complete an application process. Students may have up to 3 hours allotted in their schedule.

## Journalism

### JOURNALISM I

001305 (SEMESTER) (May be repeated for credit)

**NHS NNHS EE**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Fundamentals of journalism. Students learn, practice, and employ basic journalistic writing, editing, layout, and graphic design concepts commonly used in the production of the school newspaper and yearbook.

### JOURNALISM II

001315 (SEMESTER)

**NNHS**

PREREQUISITE: Journalism I

GRADE LEVEL: 9-12

CONTENT: This will be a project-based course. Projects will expand upon skills acquired in Journalism I.

### NEWSPAPER

001311-12 (YEAR) (May be repeated for credit)

**NHS NNHS**

PREREQUISITE: Journalism I and Teacher permission

GRADE LEVEL: 9-12

CONTENT: This practical exploration of printed media examines many aspects of communication, from theory to actual production. The school newspaper is produced by this class. Learning activities include writing stories, photography, laying out pages, writing headlines, outside ready, selling ads, covering news events, field trips and other newspaper production. Students interested in photojournalism should consider enrolling in this course. This requires work outside the school day.

### YEARBOOK

001321-22 (YEAR) (May be repeated for credit)

**NHS NNHS**

PREREQUISITE: Journalism I or Teacher permission

GRADE LEVEL: 9-12

CONTENT: The journalism yearbook class is responsible for producing the school history of the year in a hardbound book. The course is an intensive study of magazine-type journalism and demands that students develop skills in reporting, design, business management, typography, and photography. Responsibility is given almost entirely to the staff, which must be willing to repeat efforts until journalistic excellence is achieved. The staff is responsible for the concept, creativity, and production of the publication. This course requires work outside the school day.

## Leadership

### INTRODUCTION TO LEADERSHIP

001383 (SEMESTER)

**NHS NNHS**

PREREQUISITE: Counselor/Teacher Recommendation

GRADE LEVEL: 9

CONTENT: This course is designed to learn leadership skills that will enable students to make a difference in their school and community. Skills like self advocacy, team building, conflict resolution, communication will be taught. Students will learn about how involvement in high school is structured and tools to be a leader around the school.

### DEVELOPING LEADERSHIP I

001384 (SEMESTER)

**NHS NNHS**

PREREQUISITE: Application/Teacher Appointed

GRADE LEVEL: 10-12

CONTENT: This course is designed to learn leadership skills that will enable students to make a difference in their school and community. Skills like self advocacy, team building, conflict resolution, communication will be taught. Students will learn about how involvement in high school is structured and tools to be a leader around the school.

### APPLIED LEADERSHIP 2

001386 (SEMESTER)

**NHS NNHS**

PREREQUISITE: Developing Leadership I / Application / Teacher Appointed

GRADE LEVEL: 10-12

CONTENT: This application based course is for students who would like to dive deeper into their leadership skills through student activities, planning community and school wide events and service projects. Students will gain real life, hands-on experience of different types of situations and experiences that leaders face. Students will apply lessons and strategies used in school to prepare and educate themselves on post-secondary options. Students will be able to practice problem solving, goal setting, and how to become a more effective leader. Topics will include; trust, respect, initiative, honesty, creativity, commitment and open mindedness. Students will be expected to attend outside activities and events.

### EXECUTIVE LEADERSHIP

#### STUDENT COUNCIL LEADERSHIP (OFFICERS AND EXEC)

**Juniors - 001387-11 Seniors - 001387-12 (YEAR)**

**NHS NNHS**

PREREQUISITE: Approved by Student Council Advisor

GRADE LEVEL: 11-12

CONTENT: This class is composed of student council members who serve as an officer or chairperson. Students will receive one on one instruction from the advisor as they begin to build and lead a group of students in Student Congress. Students will have the opportunity to begin to build structure and ideas for the school year and future of Student Congress.

### STUDENT CONGRESS

001371-72 (YEAR)

**NHS NNHS**

PREREQUISITE: Election to Student Congress Office and Senate

GRADE LEVEL: 9-12

CONTENT: The Student Congress officers and senators are enrolled automatically upon election to this position. All major school events, such as student socials, homecoming, dances, public relations, ecology and community service drives, are coordinated through this class.

### PHILANTHROPY LEADERSHIP

**Juniors - 001388-11 Seniors - 001388-12 (YEAR)**

**NHS NNHS**

PREREQUISITE: Application

GRADE LEVEL: 11-12

CONTENT: Students in this course serve as the leadership for the school wide philanthropy week. Students will be exposed to real world fundraising techniques and school wide event planning to execute the schools philanthropy week.

### MENTOR LEADERSHIP

001389 (YEAR)

**NHS NNHS**

PREREQUISITE: Must be a Junior or Senior

GRADE LEVEL: 11-12

CONTENT: Mentor Leadership is a high school transition program that welcomes freshmen and makes them feel comfortable throughout the first year of their high school experience. In-coming juniors and seniors must apply and interview to be accepted into the course. Once accepted, students are trained to be Mentor Leaders who act as positive role models, motivators, student mentors and teachers helping guide the freshmen to discover what it takes to be successful during their high school transition. Mentor Leaders provide the structure for freshmen to receive support and guidance from juniors and seniors who have been through the challenges that high school poses, and understand that the transition to a larger school can sometimes be overwhelming. After extensive training, the Mentor Leaders will run freshman orientation before school starts in August.

## Marketing

Marketing education offers opportunities for all high school students. For those planning to continue their education at the college level, marketing can provide the skills to help them pay for college expenses and prepare them for college marketing classes. Students enrolled in any marketing education course are expected to be involved in DECA, an associate of marketing students. DECA teaches leadership, social intelligence and vocational understanding. The cooperative method of instruction allows students to earn an additional unit of credit with supervised on-the-job training in a local business.

### ETHICAL LEADERSHIP

001395 (SEMESTER)

**NHS**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Ethical leadership is a principles-based ethics course introducing students to key leadership and ethical knowledge and skills, including integrity, trust, accountability, transparency, fairness, respect, rule of law, and visibility. Throughout the course, students apply ethical principles to contemporary, real-world situations that teens and young adults often encounter in school, at home, with friends, and in entry-level job positions. They examine the concept of ethical leadership and strengthen their leadership and ethical decision-making skills through the planning, implementation, and evaluation of a class service-learning project.

### MARKETING FUNDAMENTALS

006211-12 (YEAR)

**NHS NNHS**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Marketing education teaches the competencies required to secure and hold jobs as well as the basic understanding of the marketing concepts and foundations. These would include human relations skills, math, promotion, communication, economics, salesmanship, and leadership development activities. An integral part of the program is the participation in our student organization, DECA. DECA is a co-curricular organization that students are required to become actively involved in as part of the overall learning experience.

### BUSINESS MANAGEMENT

006221-22 (YEAR)

**NHS NNHS**

PREREQUISITE: Marketing Fundamentals

GRADE LEVEL: 10-12

CONTENT: Business Management is an in-depth study designed to provide basic knowledge and skills necessary for supervisors and managers. Although primary emphasis is directed toward retailing management, most of the information presented is generic to all management positions. The course also focuses on legal aspects and issues facing prospective small business owners. An integral part of the program is the participation in our student organization, DECA. DECA is a co-curricular organization that students are required to become actively involved in as part of the overall learning experience.

## COOPERATIVE VOCATIONAL EDUCATION

006231-32 (YEAR OR SEMESTER)

**NHS NNHS**

PREREQUISITE: Concurrent enrollment in Marketing Education

GRADE LEVEL: 11-12

CONTENT: All students in Cooperative Vocational Education will be required to: (a) work at least 10 hours per week at a teacher-approved marketing job site; (b) sign a Memorandum of Training Agreement; and (2) attend a yearly social function for the employers. Students must work at least 300 hours during the school year to receive credit for this course. A passing grade in Marketing Fundamentals or Business Management is required for a passing grade in Cooperative Vocational Education.

### ENTREPRENEURSHIP

006253-54 (YEAR)

**NHS NNHS**

PREREQUISITE: Marketing Fundamentals

GRADE LEVEL: 10-12

CONTENT: This course is designed to study all aspects of starting a business and includes the basic fundamentals of marketing and business operations. Through self-assessment activities, students will identify their potential for creating a business or marketable product or idea. Students will apply what they learn by developing their own business plan. An integral part of the program is the participation in our student organization, DECA. DECA is a co-curricular organization that students are required to become actively involved in as part of the overall learning experience.

### INTERNATIONAL MARKETING

006201-02 (YEAR)

**NNHS**

PREREQUISITE: Marketing Fundamentals

GRADE LEVEL: 10-12

CONTENT: This course of study includes the basic fundamentals of marketing and business operations with emphasis on the economic advantages, and disadvantages of international trade, the importance of understanding cultures and customs, interdependence of nations, and trade balances. Students will gain an understanding of opportunities available in international business and required skills to succeed. Students will develop leadership traits and identify their leadership potential through participation in the DECA student organization.

### ADVERTISING STRATEGIES

006261-62 (YEAR)

**NHS NNHS**

PREREQUISITE: Marketing Fundamentals

GRADE LEVEL: 10-12

CONTENT: This is a course of study in the basic functions of advertising; its role in marketing communications mix; economics, consumer behavior, and social influence. Students will explore advertising instructions and media; campaigns and appropriations; and business-to-business aspects to develop and implement a promotional plan. Students will participate in career development and identify their leadership potential through participation in DECA student organization, DECA is an association of marketing student organizations.



## Media

### MEDIA I

001405 (SEMESTER)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This survey class is a prerequisite class for the Media courses and a foundational course for the broadcasting classes. Students will be introduced to the various media that influence our daily lives. Other topics include media economics, censorship, and advertising. Students will become critical consumers of media through the exploration of each medium's history and development, through analysis of structure and through evaluation of content. Students will complete work in the practice of consuming media through viewing, as well as developing and creating. Students will be graded on an individual basis, with collaborative group work expected throughout the semester. Writing skills will be emphasized.

### MEDIA II

001415 (SEMESTER)

**NHS NNHS CP/WR ACE OP FA**

PREREQUISITE: Teacher permission and Media I or Journalism I

GRADE LEVEL: 10-12

CONTENT: Students are introduced to scripting, proper camera usage and operation, composition techniques and editing as used in actual television production facilities, such as the NPS Video Resource Center. While shows are produced with the district's viewing audience in mind, the output from the class is not routinely shown on the district's public access channel. Productions completed in Media II may include, but are not limited to demonstration, documentary, news, dramatic and music videos. Written instruction is graded for the individual student, but the bulk of the grade is based upon completion and comprehension of skills and concepts. Competent written and verbal expression is expected. Students must be comfortable working in a group setting and meeting deadlines. A significant individual project approved or assigned by the teacher will be required of every student. This course is designed so that most activities can be completed during class time and on campus. Assistance is available during designated times and after-school, with appointment. A parental consent form is required for this course.

### MEDIA III

001425 (SEMESTER OR YEAR)

**NHS NNHS CP/WR OP FA**

PREREQUISITE: Media II and Teacher permission

GRADE LEVEL: 10-12

CONTENT: The work of students in Media III is available online. Students produce a weekly news magazine show for the general audience of the Norman community. Norman High school students produce Tiger Den. Norman North High School students produce Timberwolf Tracks. Students are expected to cover the news and events of their school. These events may include sports, fine arts events, academic events, assemblies and parades. Productions are completed in a classroom-based facility. Working together in flexible production teams, students handle all aspects of a weekly production from conception to production. Job assignments include hosting, operating the camera, producing, directing, creating graphics, reporting, and editing. Staff serves in advisory and

supervisory capacities. Media III students also complete a number of individual projects, both written and video; participates in special video, related programs and events. Students are expected to make a commitment of time and energy, to be self-motivated, self directed, and task oriented. Also expected is the significant use of out-of-school time for the purpose of completing projects. A parental consent form is required for this course. Entry in student contests may be an opportunity available to students in this class.

### STUDIO BROADCASTING

001465 (SEMESTER - May be repeated for credit)

**NHS CP/WR OP FA**

CLASS SIZE LIMIT: 20 students

PREREQUISITE: Teacher permission with audition and prefer Media II as Prerequisite.

GRADE LEVEL: 10-12

CONTENT: Students work together to produce live format programming in a studio setting. Students are expected to make a commitment of time, talent, and energy to be self motivated, self-directed, and task oriented. Students are expected to provide their own transportation to and from district sites. Also expected is the significant use of out-of-class time for the purposes of completing assignments and meet deadlines. A parental consent form is required for this course. Entry in student contests may be an opportunity in this class.

### SPORTS BROADCASTING

001475 (SEMESTER)

**NHS NNHS CP/WR OP FA**

CLASS SIZE LIMIT: 20 students

PREREQUISITE: Teacher permission

GRADE LEVEL: 10-12

CONTENT: Students work together to produce programming for the Norman Public Schools sports audience. This show will cover sports in the district. Students are expected to make a commitment of time, talent and energy, to be self-motivated, self-directed and task-oriented. Students are expected to provide their own transportation to and from district sites and district sports events. Also expected is the significant use of out-of-class time for the purposes of completing projects and meeting deadlines. Students in this class are often expected to work after school hours and off-campus. A parental consent form is required for this course. Entry in student contests may be an opportunity available to students in this class.

## Philosophy

### PHILOSOPHY

001615 (SEMESTER)

**NNHS EE**

PREREQUISITE: None

GRADE LEVEL: 11-12

CONTENT: Established as a college preparatory course, philosophy surveys the ideas and influences of great thinkers in the Western tradition of who have reflected seriously upon timeless questions of existence, reality, knowledge, ethics, and metaphysics. It samples topics and readings that trace the evolution of western intellectual growth and demonstrates the methods by which philosophers work. Major tests are in-class essays, and techniques for producing effective in-class, timed essays will also be covered and emphasized. The language use and reading levels are demanding. One assigned outside novella-sized reading and one research project outside of class are required.



## Physical Education/Athletics

### ATHLETICS NHS NNHS

In order to participate in competitive activities, a student must have passed all classes the previous semester and be currently (within the semester) passing all classes. Specific implementation of this policy follows the regulations established by the Oklahoma Secondary Schools Activities Association. Competitive Athletics may be repeated for credit)

- Baseball (2<sup>nd</sup> semester)
- Softball-FastPitch (1<sup>st</sup> semester)
- Basketball (year)
- Softball-Slow Pitch (2<sup>nd</sup> semester)
- Cross Country (1<sup>st</sup> semester)
- Swimming (year)
- Football (1<sup>st</sup> semester)
- Tennis (2<sup>nd</sup> semester)
- Golf (2<sup>nd</sup> semester)
- Track and Field (2<sup>nd</sup> semester)
- Soccer (2<sup>nd</sup> semester)
- Volleyball (1<sup>st</sup> semester)
- Wrestling (year)

PREREQUISITE: Coach's Permission

GRADE LEVEL: 9-12

CONTENT: Our schools have a rich tradition of excellence in their sports programs, and there is a well-rounded offering for both young men and young women desiring to participate on athletic teams. Students should be aware that participation in interscholastic competition requires extra time both outside the regular school day and on Saturdays. Students with a desire to participate in competitive athletics should contact the coach of the sport involved for more information. Students enrolled in athletics will be graded either "Satisfactory" or "Unsatisfactory," and grades will NOT carry points when calculating the overall grade point average.

**One-semester courses of recreational activities are offered to meet the goals of the students. Each course is designed to allow the student to maintain an acceptable degree of physical fitness, as well as to pursue lifetime sporting activities. Participation and dressing out is a requirement of every student enrolled in physical education. Courses may be repeated for credit.**

### PHYSICAL EDUCATION

005075 (SEMESTER)

NHS NNHS

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students acquire knowledge of rules and skills for life and team sports. Physical fitness activities are part of the course throughout the year.

### PERSONAL FITNESS

005035 (SEMESTER)

NNHS

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Personal fitness consists of an individualized program. This program includes weightlifting, which consists of conditioning muscle groups for toning and strengthening with the aid of a weight

machine, and conditioning of the cardiovascular system using aerobic exercises.

### PERSONAL FITNESS FOR MEN (WEIGHTLIFTING)

005025

NHS

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Weightlifting consists of two objectives (1) conditioning of the muscle groups for toning and strengthening with the aid of a weight machine, and (2) conditioning of the cardiovascular system using aerobic exercises.

### ATHLETIC TRAINING

005065

NHS NNHS

PREREQUISITE: Approval of Instructor

GRADE LEVEL: 9-12

CONTENT: Care and prevention of athletic injuries and practical application of recognized methods of taping and rehabilitation. Since students in this class serve the athletic teams of the public schools, time before and after school is required.

### ATHLETIC WEIGHT CONDITIONING

005155 (SEMESTER)

NHS NNHS

PREREQUISITE: Approval of Instructor

GRADE LEVEL: 9-12

CONTENT: The purpose of the program is to develop athletes to their greatest potential. The goals of the program are: (1) to develop the large muscle groups of the body, (2) to increase speed and quickness, (3) to increase flexibility, (4) to improve the cardiovascular system, and (5) to develop greater confidence in one's ability. Football practice will be conducted from this class. Students are graded either "satisfactory" or "Unsatisfactory" and grades in this class will NOT carry grade points when calculating the overall grade point average.

### PE / YOGA

005420 (SEMESTER)

NHS NNHS

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Physical Education-Yoga will focus on movement, strength, and flexibility. The main goal of yoga is to join the movement of the body with the breath and the mind. The class will incorporate different styles of yoga, and students will set personal fitness goals with an emphasis on physical and mental wellness.

### CHEERLEADER / POM PON

Cheer – 005271-72 (YEAR)

Pom – 005281-82 (YEAR)

NHS NNHS

PREREQUISITE: Try-out

GRADE LEVEL: 9-12

CONTENT: This class is open only to those students who have been selected as cheerleaders and pom pons for the following school year during the preceding tryouts. The class meets every day for the full year. Students will be graded either "Satisfactory" or "Unsatisfactory", and grades in this class will NOT carry grade points when calculating the overall grade point average.

## Pre-Engineering

### CP INTRODUCTION TO ENGINEERING DESIGN: PROJECT LEAD THE WAY (PLTW)

006271-72 (YEAR)

**NHS NNHS CP/WR OP**

PREREQUISITE: Completion of Algebra I with an A or B & acceptance through the MNTC application process

GRADE LEVEL: 9

CONTENT: Students will learn about the principles of engineering and engineering technology through the use of 3D computer modeling software and studying the design process.

### CP PRINCIPLES OF ENGINEERING: PROJECT LEAD THE WAY (PLTW)

006273-74 (YEAR)

**NHS NNHS CP/WR OP**

PREREQUISITE: Introduction to Engineering and Design (PLTW)

GRADE LEVEL: 10

CONTENT: Students will learn about and explore technology systems and the engineering process.

### ENGINEERING ESSENTIALS (PLTW)

009586-87 (YEAR)

**NHS CP/WR**

PREREQUISITE: Completion of Pre-Algebra with an A or B

GRADE LEVEL: 9

CONTENT: Engineering Essentials offers a multidisciplinary approach to teaching and learning foundational concepts of engineering practice, providing students opportunities to explore the breadth of engineering career opportunities and experiences and solve engaging and challenging real-world problems.

## PSAT/SAT & ACT PREP

Internet access may be required for these courses.

### PSAT/SAT & ACT PREP

000405 (SEMESTER)

**NHS NNHS**

PREREQUISITE: Successful completion of English II and Geometry. Recommendation based on Teacher Approval and GPA

GRADE LEVEL: 9 -12

CONTENT: This course will focus on those test-taking skills needed for the PSAT/SAT & ACT. This course is for college bound students. The materials are developed around specific information on the question formats that the students encounter on the PSAT/SAT & ACT. The general skills include optimizing use of time, eliminating illogical answers, following directions, marking answer sheets, and for some students, handling test anxiety. The specific knowledge required to respond to a given question type involves understanding the skills being measured and practiced with the question format.

## Service Learning

### SERVICE LEARNING

000125 (SEMESTER)

**NHS NNHS**

PREREQUISITE: Teacher permission (administrator permission and mentor approval required)

GRADE LEVEL: 10-12

CONTENT: Students will have a role of a peer tutor in a classroom. They will be supervised by the Service Learning teacher who will give them assignments such as keeping a journal and community service. Students will also be required to attend training sessions and regular meetings with the Service Learning teacher. Students will be assigned to one classroom where they will work with students in the class. Some programs that use Service Learning tutors are Algebra I, Special Education, and English Learners with Spanish speaking students. Service Learning students are not teacher aides; they work with the teacher on instruction. A student must be approved for the course through the Service Learning teacher.

## ExpandedED Courses

ExpandedED is an innovative program designed to serve any K-12 student who is enrolled in Norman Public Schools and would benefit from a customized, self-paced, virtual education solution.

Students are guided through online curriculum by Norman Public Schools teachers who work closely with the student and parent to customize lessons as needed.

Teachers monitor student progress weekly through video calls, email or phone. The parent plays an important, supportive role to help the student stay on task and ensure follow-through on assignments. However, high school students also are expected to start managing their own time and academic schedule.

Students have the flexibility to complete all of their coursework outside the traditional school building or blend their learning experience by attending some classes at school. This gives the students the unique opportunity to participate in on-site extracurricular activities, including 6A athletic teams, fine arts programs and/or clubs.

Enrollment in blended courses will be approved pending the in-person schedule.

All courses are aligned to Oklahoma Academic Standards. Language arts, math, science, and history are core courses offered through the program. Music, art, summer school courses, world languages, Advanced Placement, STEM courses, and a robust portfolio of elective courses.

Students will have 14 days after classes begin to determine if they want to change a course or withdraw from the program.

### ENGLISH

#### CP ENGLISH I

001011-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: This is an introductory course to the study of grammar, composition, and literary analysis. Students will increase literacy skills through the study of fiction, nonfiction, poetry, drama, and formal and informal composition. In alignment with the Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the state exam and national ACT, PSAT, and SAT exams. This course is the first of four English courses to prepare students for college and any other post-secondary options. While this course includes appropriate levels of support and scaffolding to maintain rigor, the ultimate goal is to create independent readers and writers. This course moves toward independence as the year progresses.

#### HONORS ENGLISH I

001051-52 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: This is an introductory course to the study of grammar, composition, and literary analysis. Students will increase literacy skills through the study of fiction, nonfiction, poetry, drama, and formal and informal composition. Students are expected to read outside of class. In alignment with Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the national ACT, PSAT, and SAT exams. This course is the first of four English courses to prepare students for Ap coursework, college, and any other post-secondary options. Because this course prepares students to be successful in AP English courses, students should be willing and able to work independently in both reading and composition.

#### CP ENGLISH II

001021-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I

GRADE LEVEL: 10

CONTENT: This is the second course in the study of grammar, composition and literary analysis. Students will continue to increase critical reading, writing, and thinking skills through substantive, complex works of fiction and nonfiction. In alignment with Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the state exam and national ACT, PSAT, and SAT examinations. This course is designed to prepare students for college and other post-secondary options. While this course includes appropriate levels of support and scaffolding to maintain rigor, the ultimate goal is to create independent readers and writers. This course moves toward independence as the year progresses.

#### HONORS ENGLISH II

001023-24 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I

GRADE LEVEL: 10

CONTENT: This is the second course in the study of grammar, composition and literary analysis. Students will continue to increase critical reading, writing, and thinking skills through substantive, complex works of fiction and nonfiction in assigned reading and independent reading. In alignment with Oklahoma Academic Standards and College Board standards, this course will prepare students for success on assessments such as the state exam and national ACT, PSAT, and SAT examinations. This above level course is designed to prepare students for college and other post-secondary options. Because this course prepares students to be successful in later AP English courses, students should be willing and able to work independently in both reading and composition.

### CP ENGLISH III

001031-32 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I & II

GRADE LEVEL: 11

CONTENT: This course furthers the study of grammar, composition, and literacy through increasingly complex works of fiction and nonfiction including recurrent themes in American literature and foundational works of American political philosophy. Students write the required types of compositions for this level: the literary analysis, the persuasive essay, the personal essay, and the comparison/contrast essay. This course prepares students for success on the national ACT, PSAT, and SAT exams. This course is designed to prepare students for college and other post-secondary options.

### AP ENGLISH III (LANGUAGE)

001171-72 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I & II

GRADE LEVEL: 11

CONTENT: This is a college course in the high school setting. This course meets the requirements for junior English. The course emphasizes an intense concentration on language use for the purpose of developing stylistic maturity in writing. Numerous works are studied with an emphasis on skills needed to examine rhetorical strategies and stylistic choices. The AP exam may be taken in the spring.

### CP ENGLISH IV

001041-42 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I, II & III

GRADE LEVEL: 12

CONTENT: This course is the culmination of the study of grammar, composition, and literacy. In alignment with Oklahoma Academic standards, this course will prepare students for success on assessments such as national ACT and SAT exams. This course will focus on but not be limited to British literature. Included in the course are selective reviews of major grammatical concepts and reinforcement of writing skills. Composition assignments may include personal and persuasive writing and essays of literary analysis. In addition, each student writes a paper or completes a project based on research. This course is designed to prepare students for college and other post-secondary options.

### AP ENGLISH IV (LITERATURE)

001141-42 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: English I, II & III

GRADE LEVEL: 12

CONTENT: This is a college course in the high school setting. This course meets the requirements for senior English. It is an intense study of literature with a major emphasis on analysis through written expression. Numerous works are studied, but the focus is on mastering the tools and techniques of analyzing literature. Students write approximately once a week. Assignments range from journals and timed, in-class writing to formal out-of-class papers. The AP exam may be taken in the spring.

## Mathematics

### ALGEBRA I

004041-42 (YEAR)

NHS NNHS EE CP/WR OP MS NCAA

PREREQUISITE: Pre Algebra

GRADE LEVEL: 9

CONTENT: Students will reason, solve, interpret, graph, create and analyze linear, quadratic and exponential functions. In addition, students will solve and interpret solutions of linear inequalities, systems of equations and systems of inequalities. Students will examine data through statistical analysis. This course is tightly aligned to the Oklahoma Academic Standards for Mathematics. An essential tool for students will be the graphing calculator. TI-84 Plus is recommended.

### GEOMETRY

004051-52 (YEAR)

NHS NNHS EE CP/WR OP MS NCAA

PREREQUISITE: Algebra I

GRADE LEVEL: 10-12

CONTENT: Students will reason, justify, prove, define, apply and explain theorems about points, lines, circles, polygons, right triangles, and three-dimensional shapes. In addition, students will connect algebra and geometry through the coordinate plane. Students will solve multi-step contextual problems through applying geometric concepts in modeling situations. This course is tightly aligned to the Oklahoma Academic Standards for mathematics. An essential tool for students will be the graphing calculator. TI-84 Plus is recommended.

### INTERMEDIATE ALGEBRA

004131-32 (YEAR)

NHS NNHS EE CP/WR

PREREQUISITE: Algebra 1, Geometry, Recommended for students who made a C or lower in previous math courses.

GRADE LEVEL: 10-12

CONTENT: This course will study topics including number and number theory, measurement, functions, problem solving, factoring, solving absolute value equations, linear equations and quadratic equations. Emphasis will be placed on all operations involving integers, rational numbers, and irrational numbers. Students will learn basic uses of the graphing calculator.

### ALGEBRA II

004061-62 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Algebra I, Geometry, Recommended for students who made B or above in previous math courses.

GRADE LEVEL: 10-12

CONTENT: Students will reason, solve, interpret, graph, create and analyze linear, quadratic, logarithmic, rational, radical, exponential, and trigonometric functions. In addition, students will expand concepts including complex numbers, probability, linear inequalities, systems of equations, and systems of inequalities. Students will make inferences and draw conclusions from data using samples, experiments, and hypothesis testing. This course is tightly aligned to the Oklahoma Academic Standards for Mathematics. An essential tool for students will be the graphing calculator. TI-84 Plus is recommended.

## ALGEBRA III / TRIGONOMETRY

004071-72 (YEAR)

NHS NNHS (EE Semester Only) CP/WR OP NCAA

PREREQUISITE: Geometry, Algebra II, Recommended for students who made C or lower in Algebra II.

GRADE LEVEL: 10-12

CONTENT: Algebra III is a course designed for students needing a transition between Algebra II and Pre-Calculus. It is aimed to strengthen the foundational knowledge and skills needed to be successful in high math classes. Students will expand their understanding of Algebra II concepts and be introduced to Pre-Calculus and Trigonometry principles. Graphing calculators will be used in class, the TI-84 is recommended.

## PRE-CALCULUS

004201-02 (YEAR)

EE

PREREQUISITE: Successful completion of Algebra II

GRADE LEVEL: 11-12

CONTENT: With an emphasis on function families and their representations, Precalculus is a thoughtful introduction to advanced studies leading to calculus. The course briefly reviews linear equations, inequalities, and systems and moves purposefully into the study of functions. Students then discover the nature of graphs and deepen their understanding of polynomial, rational, exponential, and logarithmic functions. Scaffolding rigorous content with clear instruction, the course leads students through an advanced study of trigonometric functions, matrices, and vectors. The course concludes with a short study of probability and statistics.

## STATISTICS & PROBABILITY

004165 (SEMESTER)

EE

PREREQUISITE: Algebra II

GRADE LEVEL: 9-12

CONTENT: In this course students will broaden their knowledge of variability and statistical processes, study sampling and

experimentation, categorical and quantitative data, probability and random variables, inference, and bivariate data. They will learn what it means to ask a statistical question, collect appropriate and useful data to answer that question, analyze results from that data, and interpret their results to make connections with the initial question. This course prepares students for colleges and careers but is not designed to prepare students for a College Board Advanced Placement exam.

## AP CALCULUS AB

004101-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Pre Calculus

GRADE LEVEL: 11-12

CONTENT: This course covers college level Calculus I topics including functions and their graphics, limits and continuity, differential calculus and integral calculus. Graphing calculators will be used in the class. TI-83 or TI-84 are recommended.

## FINANCIAL MATH

VE4162-63 (YEAR)

EE

PREREQUISITE: Completion of Algebra I

GRADE LEVEL: 9-12

(If on CWPR, Financial math will only count as a 3rd math after completion of Algebra II)

CONTENT: Connecting practical mathematical concepts to personal and business settings, this course offers informative and highly useful lessons that challenge students to gain a deeper understanding of financial math. Relevant, project based learning activities cover stimulating topics such as personal financial planning, budgeting and wise spending, banking, paying taxes, the importance of insurance, long term investing, buying a house, consumer loans, economic principles, traveling abroad, starting a business, and analyzing business data. Offered as a two-semester course for high school students, this course encourages mastery of math skill sets, including percentages, proportions, data analysis, linear systems, and exponential functions.

## Science

### CP PHYSICAL SCIENCE

003001-02 (YEAR)

NHS NNHS EE CP/WR MS OP NCAA

PREREQUISITE: Concurrent enrollment in Algebra I

GRADE LEVEL: 9

CONTENT: This lab-based course involves the study of matter and energy. Topics of study include the structure and properties of matter, chemical reactions and nuclear processes, forces, motion, energy, energy transfer, waves and electromagnetic spectrum. Students will build an understanding of these topics by engaging in scientific practices including asking questions, planning and conducting investigations, gathering qualitative/quantitative observations, data analysis, modeling, and the use of mathematical and computational thinking to communicate their understanding of concepts.

### CP BIOLOGY

003021-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: CP Physical Science

GRADE LEVEL: 10

CONTENT: This challenging and rigorous course introduces the fundamental concepts of biology. Concepts will be learned through laboratory investigation and additional reading, research, and project work. Topics of study will include the following: biochemistry, cellular structure, function and organization; metabolism; nucleic acid functions and protein synthesis; cell growth and division; genetics and heredity; phylogenetic and ecological principles. In alignment with state and national standards, this course will prepare students for success on state assessments and national ACT, PSAT, and SAT II exams.

### CP CHEMISTRY

003061-62 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: CP Biology and concurrent enrollment in Algebra II

GRADE LEVEL: 10-12

CONTENT: This general chemistry course stresses the relationship of chemical laws and phenomena to our physical environment. Laboratory experiences in physical and inorganic chemistry provide the foundation for concept development. Students will learn about formula and equation writing, atomic theory, bonding, solutions, electrochemistry, stoichiometry, quantum model of the



atom, molecular geometry, intermolecular forces, voltaic and electrolytic cells, rate laws, acid-base equilibrium, thermodynamics and gas systems. Additional learning activities include outside readings, graphing, problem solving, and project work.

## **PHYSICS**

003091-92 (YEAR)

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: Completion of Algebra II and concurrent enrollment in either Algebra III with Trigonometry or Pre-Calculus is recommended.

GRADE LEVEL: 11-12

CONTENT: Physics is a laboratory centered, two-semester course investigating the natural laws of the universe. The course content includes concepts of motion, machines, work, energy, electricity, magnetism, electromagnetic spectrum, light waves, and sound. Elements of trigonometry and analytical geometry are taught and incorporated into the curriculum. Problem solving and practical applications are stressed throughout the year.

## **ANATOMY (Sem A) / PHYSIOLOGY (Sem B)**

003111-12 (YEAR)

**NHS NNHS EE CP/WR OP NCAA**

(Anatomy Semester A, Physiology Semester B @ Expanded)

PREREQUISITE: CP Biology

GRADE LEVEL: 10-12

CONTENT: This course is geared toward students preparing for a career in the allied health areas. This course is a laboratory centered two semester course. Outside readings, term projects and dissections are required. This course covers basic concepts of cell physiology and includes the study of major systems of the human body: skeletal, muscular, circulatory, digestive, respiratory, excretory, reproductive and nervous.

## **ASTRONOMY**

003115 (SEMESTER)

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: CP Physical Science and concurrent enrollment in Geometry

GRADE LEVEL: 10-12

CONTENT: Students begin the semester by studying the methods and tools used in locating objects in the night sky. They will learn the characteristics and relationships between the objects in our solar system. They will finish the semester by investigating deep space objects and their potential impact on the earth. Throughout this course, students will study the history of astronomy and its impact on society. They will also have an opportunity to participate in various projects and presentations involving radio and optical astronomy. Students will be required to attend a percentage of evening or early morning observations that are offered throughout the semester.

## **ENVIRONMENTAL SCIENCE**

003163 (A); 003175 (B) (YEAR)

**EE**

PREREQUISITE: CP Biology

GRADE LEVEL: 10-12

CONTENT: Environmental science is a captivating and rapidly expanding field, and this two-semester course offers compelling lessons that cover many aspects of the field: ecology, the

biosphere, land, forests and soil, water, energy and resources, and societies and policy. Through unique activities and material, high school students connect scientific theory and concepts to current, real-world dilemmas, providing them with opportunities for mastery in each of the segments throughout the semester.

## **EARTH AND SPACE SCIENCE**

VE5061-62 (YEAR)

**EE**

PREREQUISITE: Physical Science

GRADE LEVEL: 10-12

CONTENT: Students enrolled in this dynamic course explore the scope of Earth sciences, covering everything from basic structure and rock formation to the incredible and volatile forces that have shaped and changed our planet. As climate change and energy conservation become increasingly prevalent in the national discourse, it will be important for students to understand the concepts and causes of our changing Earth. Earth Science is a two-semester course that provides a solid foundation for understanding the physical characteristics that make the planet Earth unique and examines how these characteristics differ among the planets of our solar system.

## **FORENSIC SCIENCE I: SECRETS OF THE DEAD**

VE4162-2 (SEMESTER)

**EE**

PREREQUISITE: Biology or concurrent enrollment in Chemistry

GRADE LEVEL: 10-12

CONTENT: Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scenes are analyzed and processed. The Science of Crime or Forensic Science 1 and 2. Students should not take both, as there is significant overlap in content.

## **FORENSIC SCIENCE II: MORE SECRETS OF THE DEAD**

VE4162-3 (SEMESTER)

**EE**

PREREQUISITE: Forensic Science I and Biology or concurrent enrollment in Chemistry

GRADE LEVEL: 10-12

CONTENT: Although the crime scene represents the first step in solving crimes through forensic science, the crime laboratory plays a critical role in the analysis of evidence. This course focuses on the analysis of evidence and testing that takes place within this setting. We will examine some of the basic scientific principles and knowledge that guides forensic laboratory processes, such as those testing DNA, toxicology, and material analysis. Techniques such as microscopy, chromatography, odontology, entomology, mineralogy, and spectroscopy will be examined. Students should take either The Science of Crime or Forensic Science 1 and 2. Students should not take both, as there is significant overlap in content.

## Pre-Engineering

### CONCEPTS OF ENGINEERING AND TECHNOLOGY

VE5070 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Each day, we are surrounded by technology and engineering projects. From our phones to the bridges we drive

over, engineering and technology influence many parts of our lives. In Concepts of Engineering and Technology, you will learn more about engineering and technology careers and what skills and knowledge you'll need to succeed in these fields. You'll explore innovative and cutting-edge projects that are changing the world we live in and examine the design and prototype development process. Concepts of Engineering and Technology will also help you understand the emerging issues in this exciting career field.

## Social Studies

### OKLAHOMA HISTORY

002195 (SEMESTER)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: Students explore the cultural, social, economic, and political development of Oklahoma from pre-historic periods through the creation of Indian Territory and the admission of Oklahoma as the 46<sup>th</sup> state. Particular attention is given to the first and second removal periods, to the organization and settlement of Oklahoma Territory, and to the political and social crises of the 20<sup>th</sup> century. This class includes projects, cooperative learning, and research assignments.

### CP WORLD HISTORY

002071-72 (year)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 10

CONTENT: College Prep World History is constructed on an Advanced Placement model that utilizes the thematic approach to investigate history, from Ancient Religion to Exploration to Enlightenment during the first semester. Students will discover the foundations of modern thought in law, economics, government, and society. Modern events, issues, and areas of interest will be the focus of the second semester. Students will utilize a variety of skills; reading comprehension, organization, synthesis, analysis and collaborative thinking which will establish a strong foundation for critical thinkers.

### AP WORLD HISTORY: MODERN

002081-82 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: The purpose of the AP World History: Modern course is to develop greater understanding of the evolution of global processes and contacts in different types of human societies. In this course, students investigate significant events, individuals, developments, and processes from 1200 to the present and it highlights the nature of changes in global frameworks and their causes and consequences, as well as comparisons among major societies. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural

developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. It also provides areas of historical inquiry for the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions. All students will be strongly encouraged to take the CollegeBoard AP World History: Modern exam in May.

### CP UNITED STATES HISTORY

002001-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 11

CONTENT: Students explore the cultural, social, economic, and political development of the United States from the end of the U.S. Civil War to the present. Particular attention is given to the emergence of the United States as a world power and its role in global conflicts of the 20<sup>th</sup> Century. Special attention is given to analysis and evaluation of primary source materials. This course prepares students for the state-mandated United States History test. United States History students will be required to take an Oklahoma mandated end-of course exam.

### AP UNITED STATES HISTORY

002021-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 11-12

CONTENT: U.S. History includes the time period set by the College Board, which is the early American Colonial era to the present. The course requires factual knowledge and critical, analytical writing skills that are obtained from extensive outside readings, research, and various classroom activities. Students assess historical materials, their relevance to given interpretive problems, reliability, and importance. In both oral and written expression, students weigh the evidence and interpretations presented in historical scholarship. The course is designed to make the same demands on students as a full-year introductory college course. Students should take the AP exam in the spring. Advanced Placement United States History students will be required to take an Oklahoma mandated end-of-course exam.

### U.S. GOVERNMENT

002185 (SEMESTER)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 12

CONTENT: Students explore the structure and function of the federal system of government, the rights and responsibilities of citizens, and the role of the courts in protecting and defining our rights and responsibilities. Particular emphasis is given to

hands-on activities that encourage the development of effective citizenship skills. Students will be required to successfully complete the Personal Financial Literacy Passport requirements as part of this course.

## **AP GOVERNMENT & POLITICS - UNITED STATES & COMPARATIVE**

002061-62 (YEAR)

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: U.S. History

GRADE LEVEL: 12

CONTENT: Advanced Placement American Government examines the evolution of the American system of government. Students explore the theory of government and its practical application, study the United State Constitution in depth, and use court cases and historical incidents to analyze the role of government. There also is an in-depth comparison of the United State political system and those of other countries. The course is designed to make demands on the students similar to those expected in a college course in Political Science. Students are asked to read and interpret historical documents, understand the relationship of culture and politics, and recognize the impact of personalities and ideologies. Students will be required to successfully complete the Personal Financial Literacy Passport requirements as part of this course.

## **PERSONAL FINANCIAL LITERACY GRADUATION REQUIREMENT**

Beginning with the graduating class of 2014 every student shall demonstrate mastery of all 14 standards designated in the Personal Financial Literacy Passport in order to graduate. Beginning with seniors graduating in the class of 2019, PFL requirements will be embedded in the American Government course. Contact your counselor for more information.

## **HUMAN GEOGRAPHY**

VE5530 (YEAR)

**EE**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Examining current global issues that impact our world today, this course takes a thematic approach to understanding the development of human systems, human understanding of the world, and human social organization. Divided into two semesters, this high school course will challenge students to develop geographic skills, including learning to interpret maps, analyze data, and compare theories. Offering interactive content that will grow students' understanding of the development of modern civilization and human systems—from the agricultural revolution to the technological revolution—this course encourages students to analyze economic trends as well as compare global markets and urban environments.

## **AP HUMAN GEOGRAPHY**

002101-02 (YEAR)

**NHS NNHS EE CP/WR OP NCAA**

PREREQUISITE: None

GRADE LEVEL: 9-12 (9<sup>TH</sup> grade with teacher approval)

CONTENT: This course introduces an academically motivated student to the systematic study of patterns and processes that have shaped human understanding, use and alteration of the earth's surface. The students study the nature of geography, global population issues, cultural patterns and processes, culture, political structures, rural and urban land use, and the effects of

industrialization and economic development on areas of the world. Using geographic methods and tools, students employ spatial concepts and landscape analysis in understanding human social organization and its environmental consequences. The course stresses content and pedagogy, giving the student opportunities to apply geographic concepts. The AP exam should be taken in spring.

## **PSYCHOLOGY**

VE5641 (YEAR)

**EE**

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This two-semester course introduces high school students to the study of psychology and helps them master fundamental concepts in research, theory, and human behavior. Students analyze human growth, learning, personality, and behavior from the perspective of major theories within psychology, including the biological, psychosocial, and cognitive perspectives. From a psychological point of view, students investigate the nature of being human as they build a comprehensive understanding of traditional psychological concepts and contemporary perspectives in the field. Course components include an introduction to the history, perspectives, and research of psychology; an understanding of topics such as the biological aspects of psychology, learning, and cognitive development; the stages of human development; aspects of personality and intelligence; the classification and treatment of psychological disorders; and psychological aspects of social interactions.

## **AP PSYCHOLOGY**

002161-62 (YEAR)

**NHS NNHS EE NCAA**

PREREQUISITE: None

GRADE LEVEL: 11-12

CONTENT: AP Psychology is the advanced college level, scientific study of human and animal behavior. There will be a more in-depth study of the areas examined in Psychology I. The pace will be accelerated and will include outside reading, critical analysis, essay writing, and comprehensive use of available textbooks, films, discussion and lecture. This course will prepare the student for the AP exam to be taken in the spring. Psychology I and II are not required PREREQUISITES, but the class will require a serious commitment from the student in studying the fascinating topic of human behavior.

## **SOCIOLOGY I**

002135 (SEMESTER)

**NHS NNHS EE NCAA**

PREREQUISITE: None

GRADE LEVEL: 10-12

CONTENT: Sociology is the scientific study of patterns of human behavior in groups. Although the course is designed to provide a foundation in the discipline of further study at the college level, all students benefit from the study of these topics which so directly impact their lives. Units include an introduction to the discipline of sociology, an examination of the life styles of other cultures through a unit of cultural anthropology, the study of social class and its impact on the individual, and an examination of deviant behavior, crime and prisons. Learning activities include experiments, reading, projects, lectures, and discussions. This course is open to sophomores, but they should be aware it is designed on the junior/senior level and sophomores should be seeking a course with a serious academic format.

## ANTHROPOLOGY

VE5732 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: The aim of anthropology is to use a broad approach to gain an understanding of our past, present and future, and in addition address the problems humans face in biological, social and cultural life. This course will explore the evolution, similarity and diversity of humankind through time. It will look at how we have evolved from a biologically and culturally weak species to one that has the ability to cause catastrophic change. Exciting online video journeys to different areas of the anthropological world are just one of the powerful learning tools utilized in this course.

## WORLD GEOGRAPHY

002111 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Designed to introduce students to the study of geography, this course helps students master important concepts in physical and human geography. Comprehensive and organized by region, this two-semester middle school course helps students understand the Earth's physical and human diversity. Students analyze population and settlement patterns and evaluate the ways

that human activities modify the physical environment. While studying humans around the world, students compare development, standards of living, systems of government, and economic factors across the globe. In addition, students gain a rich understanding of global cultures and the historical factors that have shaped the world around them. All units in the course are parallel and include studies in physical and human geography, ancient cultures, regional studies, and modern issues.

## ECONOMICS

002175 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Available as either a semester or a full year, this course invites students to broaden their understanding of how economic concepts apply to their everyday lives—including microeconomic and macroeconomic theory and the characteristics of mixed-market economies, the role of government in a free-enterprise system and the global economy, and personal finance strategies. Throughout the course, students apply critical-thinking skills while making practical economic choices. Students also master literacy skills through rigorous reading and writing activities. Students analyze data displays and write routinely and responsively in tasks and assignments that are based on scenarios, texts, activities, and examples. In more extensive, process-based writing lessons, students write full-length essays in informative and argumentative formats.

## World Languages

### CHINESE I

009501-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course is designed as an introduction to Mandarin Chinese and Chinese culture. Songs, games, various media, and hands-on activities will be integrated into the curriculum to aid understanding of the language and the culture. By the end of the year, students should master Han-Yu Pinyin (the Chinese phonetic system) and be able to write and recognize simple Chinese characters, read simple texts, develop elementary sentence building skills, and participate in brief conversations.

### CHINESE II

009511-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Chinese I

GRADE LEVEL: 9-12

CONTENT: This course is designed as a continuation of language skills acquired in Chinese I. Students will expand their vocabulary, understand fundamental grammatical principles, read simple texts, use common structural phrases, write short compositions, and hold basic daily conversations. Various cultural activities are incorporated into the language curriculum.

### FRENCH I

009001-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: In French I students develop the ability to use French for purposeful communication through speaking, listening, reading, and writing. Students also engage in cultural exploration enabling

them to communicate appropriately with the target culture.

Assessments may include individual and group projects, oral and written tests and quizzes, and informal assessments throughout the year.

### FRENCH II

009011-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: French I

GRADE LEVEL: 10-12

CONTENT: This course is a continuation of skill development which began in French I including an expansion of vocabulary and grammar structures. Concepts learned in French I are spiraled into instruction, focusing on increased communicative proficiency. Varied cultural activities enhance the learning experience. Assessments may include individual and group projects, oral and written tests and quizzes, and informal assessments throughout the year.

### FRENCH III

009021-22 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: French II

GRADE LEVEL: 10-12

CONTENT: French III offers extension and refinement of the grammar points and communications skills gained in the first two levels. Strong emphasis is placed on the meaningful use of language in authentic contexts. Understanding of the target culture continues to be a focus. Students will be assessed formally through projects, presentations and tests, and informally throughout the year to assess the four skills of reading, writing, listening, and speaking.



## AP FRENCH

009221-22 (YEAR)

GRADE LEVEL: 12

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Teacher Approval

CONTENT: AP French is designed for students interested in pursuing a rigorous advanced program of French in order to refine their proficiency in speaking, oral comprehension, reading and writing. Students will be expected to take the AP exam administered in the spring semester.

## GERMAN I

009401-2 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. Students are expected to actively participate in classroom activities to reinforce speaking, listening, reading and writing skills. Assessments include individual and group projects, oral and written tests and quizzes and informal assessments throughout the year.

## GERMAN II

009411-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: German I

GRADE LEVEL: 10-12

CONTENT: This course is a continuation of skills developed in German I, including an expansion of vocabulary and structures. Concepts learned in German I are spiraled into German II instruction and are focused on increased communicative proficiency. Varied cultural experiences enhance learning. By the end of the year students will be able to communicate about themselves and their immediate environment in the present and past tense. Assessments include individual and group projects, presentations, oral and written tests. Assessments include individual and group projects, presentations, oral and written tests and quizzes, and informal measures.

## LATIN I

009101-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Recommended that student has A-B average in previous English classes.

GRADE LEVEL: 9-12

CONTENT: This is an introductory study of the vocabulary and grammar of the Latin language and the Roman civilization. Emphasis is given to the expansion of English vocabulary derived from Latin and to the relationship between English and Latin grammar. Civilization studies include mythology, history and Roman life.

## LATIN II

009111-12 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Latin I

GRADE LEVEL: 9-12

CONTENT: This course begins with a review of grammar and vocabulary learned in Latin I. Then additional grammar and vocabulary are studied. Continued emphasis is placed upon development of Latin and English vocabulary and the relationship between English and Latin grammar. Major units of study include mythology, the history of the Republic and Roman life.

## SPANISH I

009151-52 (YEAR)

NHS NNHS EE CP/WR OP MS NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students develop the ability to communicate about themselves and their immediate environment using simple sentences containing basic language structures. Students are expected to actively participate in classroom activities to reinforce speaking, listening, reading, and writing skills. Assessments include individual and group projects, oral and written tests and quizzes and informal assessments throughout the year. By the end of the year, students will be able to talk and write about themselves and their immediate environments.

## SPANISH II

009161-62 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Spanish I

GRADE LEVEL: 9-12

CONTENT: This course is a continuation of skills developed in Spanish I, including an expansion of vocabulary and grammatical principles. Concepts learned in Spanish I are integrated into instruction, focusing on increased communicative proficiency. Reading, listening, writing and oral exercises of all types are practiced for the mastery of the material. Culture is emphasized throughout the course. By the end of the year students will be able to communicate about themselves and their environment in the present and past tense. Assessments include individual and group projects, presentations, oral and written tests and quizzes, and informal assessments throughout the year.

## SPANISH III

009171-72 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Spanish II

GRADE LEVEL: 9-12

CONTENT: Students will continue to develop and refine their proficiency in reading, writing, listening and speaking, with emphasis on their ability to interact orally and in writing with each other and Spanish-speakers from other countries. They communicate using more complex language structures on a variety of topics. Readings include a variety of authentic texts, including poetry, fiction, and newspaper articles. Students will be assessed formally through projects and presentations and informally to assess the four skills of reading, writing, listening, and speaking.



## AP SPANISH LANGUAGE & CULTURE

009201-02 (YEAR)

NHS NNHS EE CP/WR OP NCAA

PREREQUISITE: Spanish IV or Teacher Approval

GRADE LEVEL: 10-12

CONTENT: AP Spanish is designed for students interested in pursuing a rigorous, advanced program of study to refine their proficiency in speaking, listening comprehension, reading and writing. The course, conducted entirely in Spanish, stresses authentic communication with the emphasis on the following the ability to communicate using more sophisticated communication skills, the acquisition of vocabulary and a grasp of structure to allow the reading of both newspaper articles and modern literature, the ability to compose expository pieces, the ability to express ideas orally with accuracy and fluency. Students should take the AP exam in the spring.

## AMERICAN SIGN LANGUAGE I

VE3171 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This beginning of this full-year course will introduce you to vocabulary and simple sentences, so that you can start communicating right away. Importantly, you will explore Deaf culture: social beliefs, traditions, history, values and communities influenced by deafness. The second semester will introduce you to more of this language and its grammatical structures.

## AMERICAN SIGN LANGUAGE II

VE3172 (YEAR)

EE

PREREQUISITE: American Sign Language I

GRADE LEVEL: 9-12

CONTENT: In this course, students will build on the skills they learned in American Sign Language 1 and explore the long and rich history of Deaf culture and language. They will expand their knowledge of the language as well as their understanding of the world in which it is frequently used. Students will grow their sign vocabulary and improve their ability to interact using facial expressions and body language. They will also learn current trends in technology within ASL as well as potential education and career opportunities.

## Agriculture

### AGRISCIENCE I: INTRODUCTION TO AGRISCIENCE

VE7311 (SEMESTER)

NHS NNHS EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: In this course, students will learn more about the development and maintenance of agriculture, animal 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.

## FORESTRY AND NATURAL RESOURCES

VE8028 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Forests and other natural resources play an important role in our world, from providing lumber and paper products to providing habitat for birds and animals. In the Introduction to Forestry and Natural Resources course, you'll learn more about forest ecology, management, and conservation. You'll explore topics such as environmental policy, land use, water resources, and wildlife management. Finally, you'll learn more about forestry related careers and important issues facing forestry professionals today.

## VETERINARY SCIENCE: THE CARE OF ANIMALS

VE8012 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: As animals play an increasingly important role in our lives, scientists have sought to learn more about their health and well-being. Taking a look at the pets that live in our homes, on our farms, and in zoos and wildlife sanctuaries, this course will examine some of the common diseases and treatments for domestic animals. Toxins, parasites, and infectious diseases impact not only the animals around us, but at times we humans as well! Through veterinary medicine and science, the prevention and treatment of diseases and health issues are studied and applied.

## Business

Internet access may be required for these courses.

## INTERNATIONAL BUSINESS

VE8618 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: From geography to culture Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected. The course further provides students a conceptual tool by which to understand how economic, social, cultural, political and legal factors influence both domestic and cross-border business. Business structures, global entrepreneurship, business management, marketing, and the challenges of managing international organizations will all be explored in this course. Students will cultivate a mindfulness of how history, geography, language, cultural studies, research skills, and continuing education are important in both business activities and the 21st century.

## INTRODUCTION TO BUSINESS

VE2413 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: In this two-semester introductory course, students learn the principles of business using real-world examples-learning what it takes to plan and launch a product or service in today's fast-paced business environment. This course covers an introduction to economics, costs and profit, and different business types. Students are introduced to techniques for managing money, personally and as a business, and taxes and credit; the basics of financing a business; how a business relates to society both locally and globally; how to identify a business opportunity; and techniques for planning, executing, and marketing a business to respond to that opportunity.

## SPORTS & ENTERTAINMENT MARKETING

006241 (YEAR) (SEMESTER @ EE)

NHS NNHS EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This is a specialized course designed for students with a career interest in the sports and entertainment industry, economics, decision-making, event marketing, sales and sales promotions, event executions, legal aspects/contracts and career opportunities. Classroom instruction will be reinforced through the use of outside lectures, case studies, field trip experiences, job shadowing, current periodicals, computers and software, in-house projects and constructive discovery learning. Students will develop leadership traits and identify their leadership potential through participation in the DECA (an association of marketing students) student organization. Students are not required to be a member of this organization, though it is highly recommended for the class. Upon successful completion of this course the student will develop their understanding of marketing in the sports and entertainment industry and build skill to pursue a career pathway in Marketing, Sales and Service.

## Computer / Technology Education

### COMPUTER APPLICATIONS: OFFICE 2019

VE6155-56 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This full-year course introduces students to the features and functionality of the most widely used productivity software in the world: Microsoft® Office®. Through video instruction, interactive skill demonstrations, and numerous hands-on practice assignments, students learn to develop, edit and share Office 2019 documents for both personal and professional use. By the end of this course, students will have developed basic proficiency in the most common tools and features of the Microsoft Office suite of applications: Word®, Excel®, PowerPoint®, and Outlook®.

Required Materials: Students must have access to MS Office 2019 or Office 365 Presentation software (e.g., MS PowerPoint)

## INTRODUCTION TO CODING

VE8225 (SEMESTER)

EE

PREREQUISITE: none

GRADE LEVEL: 9-12

CONTENT: Intro to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately.

## INTRODUCTION TO INFORMATION TECHNOLOGY

VE2414 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course introduces students to the essential technical and professional skills required in the field of Information technology (IT). Through hands-on projects and written assignments, students gain an understanding of the operation of computers, computer networks, Internet fundamentals, programming, and computer support. Students also learn about the social impact of technological change and the ethical issues related to technology. Throughout the course, instructional activities emphasize safety, professionalism, accountability, and efficiency for workers within the field of IT.

## Family & Consumer Sciences

### HEALTH AND PERSONAL WELLNESS

VE3310-10 (SEMESTER)

EE

PREREQUISITE: none

GRADE LEVEL: 9-12

CONTENT: This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students apply principles of health and wellness to their own lives. In addition, they study behavior change and set health goals to work on throughout the semester. Additional topics of study include healthy relationships, reproductive health, disease transmission, substance abuse, safety and injury prevention, environmental health, and consumer health.

### LIFE SKILLS

VE8415 (SEMESTER)

EE

PREREQUISITE: none

GRADE LEVEL: 9-12

CONTENT: This course allows students to explore their personality type and interests, as well as refine important skills that will benefit them throughout their lives, including personal nutrition and fitness skills, time and stress management, communication and healthy relationships, goal setting, study skills, leadership and service, environmental and consumer health, and personal finances. In

addition, students explore possible colleges and careers that match their needs, interests, and talents.

## **FASHION AND INTERIOR DESIGN**

VE8325 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Are your students fashion trend followers? Are they drawn to how designers have pulled together fabrics and colors to create memorable pieces? Do they dream of designing their own line of clothing or accessories? Students will learn what it takes to get started in the fashion industry, from the careers available to new technology and trends reshaping the industry every day.

## **Fine Arts**

### **INTRODUCTION TO ART**

VE2817-21 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Covering art appreciation and the beginning of art history, this course encourages students to gain an understanding and appreciation of art in their everyday lives. Presented in an engaging format, Intro to Art provides an overview of many introductory themes: the definition of art, the cultural purpose of art, visual elements of art, terminology and principles of design, and two- and three-dimensional media and techniques. Tracing the history of art, high school students enrolled in the course also explore the following time periods and places: prehistoric art, art in ancient civilizations, and world art before 1400.

### **ART HISTORY**

VE2818-19 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Introducing art within historical, social, geographical, political, and religious contexts for understanding art and architecture through the ages, this course offers high school students an in-depth overview of art throughout history, with lessons organized by chronological and historical order and world regions. Students enrolled in this course cover topics including early medieval and Romanesque art; art in the twelfth, thirteenth, and fourteenth centuries; fifteenth-century art in Europe; sixteenth century art in Italy; the master artists; High Renaissance and baroque art; world art, which includes the art of Asia, Africa, the Americas, and the Pacific cultures; eighteenth-and nineteenth century art in Europe and the Americas; and modern art in Europe and the Americas.

### **MUSIC APPRECIATION**

VE3053 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Music is part of everyday lives 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 will provide students with an aesthetic and historical perspective of music, covering a variety of styles and developments from the Middle Ages through the Twentieth First Century. Students will acquire basic knowledge and listening skills, making future music experiences more informed and satisfying.

## **PUBLIC SPEAKING 1**

VE2750 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: The art of public speaking is one which underpins the very foundations of Western society. This course examines those foundations in both Aristotle and Cicero's views of rhetoric, and then traces those foundations into the modern world. Students will learn not just the theory, but also the practice of effective public speaking, including how to analyze the speeches of others, build a strong argument, and speak with confidence and flair. By the end of this course, students will know exactly what makes a truly successful speech and will be able to put that knowledge to practical use.

## **Journalism**

### **JOURNALISM I**

001305 (SEMESTER) (May be repeated for credit)

NHS NNHS EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Fundamentals of journalism. Students learn, practice, and employ basic journalistic writing, editing, layout, and graphic design concepts commonly used in the production of the school newspaper and yearbook.

### **ADVERTISING AND SALES PROMOTION**

VE6261 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: What comes to mind when you think of marketing? Does a favorite commercial jingle begin to play in your head? Or do you recall the irritating phone call from a company trying to sell you software you already have? There's no denying the sheer magnitude of the marketing industry. Every year companies spend \$200 billion promoting their products and services and that's in the United States alone! Experts estimate that by the time you turn 65, you will have seen nearly 2 million TV commercials, not to mention radio ads, billboards, and online advertisements. You're familiar with what it's like on the receiving end of a company's marketing efforts, but what's it like on the other side? In this Advertising and Sales Promotions course, you'll learn how marketing campaigns, ads, and commercials are conceived and brought to life. You'll meet some of the creative men and women who produce those memorable ads and commercials. And you'll discover career opportunities in the field to help you decide if a job in this exciting, fast-paced industry is in your future!

## Philosophy

### PHILOSOPHY

001615 (SEMESTER)

NNHS EE

PREREQUISITE: None

GRADE LEVEL: 11-12

CONTENT: Established as a college preparatory course, philosophy surveys the ideas and influences of great thinkers in the Western tradition of who have reflected seriously upon timeless questions of existence, reality, knowledge, ethics, and metaphysics. It samples topics and readings that trace the evolution of western intellectual growth and demonstrates the methods by which philosophers work. Major tests are in-class essays, and techniques for producing effective in-class, timed essays will also be covered and emphasized. The language use and reading levels are demanding. One assigned outside novella-sized reading and one research project outside of class are required.

## Physical Education / Athletics

### STRENGTH TRAINING

VE3320-9 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course focuses on the fitness components of muscular strength and endurance. Students establish their fitness level, set goals, and design their own resistance training program. They study muscular anatomy and learn specific exercises to strengthen each muscle or muscle group. Students focus on proper posture and technique while training. They also gain an understanding of how to apply the FITT principles and other fundamental exercise principles, such as progression and overload and strength training. This course also discusses good nutrition and effective cross-training.

### LIFETIME FITNESS

VE3320-1-10 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Exploring fitness topics such as safe exercise and injury prevention, nutrition and weight management, consumer product evaluation, and stress management, this course equips high school students with the skills they need to achieve lifetime fitness. Available as either a semester or year-long course, Lifetime Fitness encourages students to assess individual fitness levels according to the five components of physical fitness: cardiovascular health, muscular strength, muscular endurance, flexibility, and body composition. Personal fitness assessments encourage students to design a fitness program to meet their individual fitness goals.

## Expanded Elective Courses

### CULINARY ARTS 1

VE8426-3421 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course will give you the basic fundamentals to start working in the kitchen and gaining experience as you explore and establish your talents for cooking and preparing food in a creative and safe way. You will learn safety measures as well as enhance your knowledge of various types of foods and spices. If you enjoy hands-on learning and want to deepen your knowledge about culinary arts, this is a great course to start.

### COSMETOLOGY I: CUTTING EDGE STYLES

VE9481 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course provides an introduction to the basics of cosmetology and explores career options in the field of cosmetology. Learn about the common equipment and technologies used by cosmetologists, and examine the skills and characteristics that make someone a good cosmetologist. Students will also learn more about some of the common techniques used in caring for hair, nails, and skin in salons, spas, and cosmetology related businesses.

### COSMETOLOGY II: THE BUSINESS OF SKIN AND NAIL CARE

VE9488 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Helping people put their best face forward is a growing, vibrant industry which needs skilled and personable professionals well-versed in the latest trends and technological advances. In this course, students will experience what the day-to-day life of a cosmetologist is like. They will discover that cosmetology is much more than knowing and applying techniques. Additionally, students will explore skin care and facials, learn how to give manicures and pedicures and how to apply artificial nails, and gain an understanding of different hair removal techniques.

### CRIMINOLOGY

002275 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: In this course, we will study the field of Criminology (the study of crime). We will look at possible explanations for crime from the standpoint of psychological, biological and sociological perspectives, explore the categories and social consequences of crime, and investigate how the criminal justice system handles not only criminals, but also their misdeeds. Why do some individuals commit crimes why others do not? What aspects in our culture and society promote crime and deviance? Why are different punishments given for the same crime? What factors from arrest to punishment...help shape the criminal case process?



## STRATEGIES FOR ACADEMIC SUCCESS

VE2725 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Offering a comprehensive analysis of different types of motivation, study habits, and learning styles, this one- semester course encourages high school and middle school students to take control of their learning by exploring varying strategies for success. Providing engaging lessons that will help students identify what works best for them individually, this one-semester course covers important study skills, such as strategies for taking high-quality notes, memorization techniques, test-taking strategies, benefits of visual aids, and reading techniques.

## MEDICAL TERMINOLOGY

VE8551 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This full-year course introduces students to the structure of medical terms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to health care settings, medical procedures, pharmacology, human anatomy and physiology, and pathology. The knowledge and skills gained in this course provide students entering the healthcare field with a deeper understanding of the application of the language of health and medicine. Students are introduced to these skills through direct instruction, interactive tasks, practice assignments, and unit-level assessments.

## HEALTHY LIVING

VE3310-1-5 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Encouraging students to make responsible, respectful, informed, and capable decisions about topics that affect the well-being of themselves and others, this high school course provides students with comprehensive information they can use to develop healthy attitudes and behavior patterns. Available as either a semester or year-long course, this informative and engaging course encourages students to recognize that they have the power to choose healthy behaviors to reduce risks.

## HISTORY OF THE HOLOCAUST

VE5789 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: 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, semester-long study of the Holocaust, 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.

## MYTHOLOGY AND FOLKLORE: LEGENDARY TALES

VE4066 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Mighty heroes. Angry gods and goddesses. Cunning animals. Since the first people gathered around fires, mythology and folklore has been used as a way to make sense of humankind and our world. Beginning with an overview of mythology and different kinds of folklore, students will journey with ancient heroes as they slay dragons and outwit gods, follow fearless warrior women into battle, and watch as clever monsters outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how these are still used to shape society today.

## SOCIAL PROBLEMS I: A WORLD IN CRISIS

VE5510-2 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students will become aware of the challenges faced by social groups, as well as learn about the complex relationship among societies, governments and the individual. Each unit is focused on a particular area of concern, often within a global context. Possible solutions at both the structural level as well as that of the individual will be examined. Students will not only learn more about how social problems affect them personally, but begin to develop the skills necessary to help make a difference in their own lives and communities, not to mention globally.

## DIGITAL PHOTOGRAPHY I

VE8151 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: The Digital Photography I course focuses on the basics of photography, including building an understanding of aperture, shutter speed, lighting, and composition. Students will be introduced to the history of photography and basic camera functions. Students will use the basic techniques of composition and camera functions to build a portfolio of images, capturing people, landscapes, close-up, and action photographs.

## DIGITAL PHOTOGRAPHY II

VE8152-3 (SEMESTER)

EE

PREREQUISITE: Digital Photography I

GRADE LEVEL: 9-12

CONTENT: In this course, we will examine various aspects of professional photography, including the ethics of the profession, and examine some of the areas that professional photographers may



choose to specialize in, such as wedding photography and product photography . We will also learn more about some of the most respected professional photographers in history and we will learn how to critique photographs in order to better understand what creates an eye catching photograph.

### **HOSPITALITY AND TOURISM: TRAVELING THE GLOBE** VE8478 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Hospitality and tourism is one of the fastest growing industries in the world. This course will introduce students to the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students will learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

### **HOSPITALITY AND TOURISM 2: HOTEL AND RESTAURANT MANAGEMENT**

VE2418-1 (YEAR)

EE

PREREQUISITE: Hospitality and Tourism 1

GRADE LEVEL: 9-12

CONTENT: In this course, students will learn about what makes the hotel and restaurant industries unique. They will learn about large and small restaurants, boutique and resort hotels, and their day-to-day operations. Students will evaluate the environment for these businesses by examining their customers and their competition. As well, they will discover trends and technological advances that make each industry exciting and innovative. Students will explore a variety of interesting job options from Front Desk and Concierge services to Front-of-House and Food Service.

### **CAREER PLANNING AND DEVELOPMENT**

VE2410 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Introducing high school students to the working world, this year-long course provides the knowledge and insight necessary to compete in today's challenging job market. This course helps students investigate careers as they apply to personal interests and abilities, develop the skills and job search documents needed to enter the workforce, explore the rights of workers and traits of effective employees, and address the importance of professionalism and responsibility as careers change and evolve. This one-semester course includes lessons in which students create a self-assessment profile, a cover letter, and a résumé that can be used in their educational or career portfolio.

### **CAREERS IN CRIMINAL JUSTICE**

VE9629-1 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: The criminal justice system offers a wide range of career opportunities. In this course, students will explore different areas of the criminal justice system, including the trial process, the juvenile justice system, and the correctional system.

### **CREATIVE WRITING I**

001225 (SEMESTER @ EE)

NHS NNHS EE NCAA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course is designed to facilitate the creative writing process for students working in a writing workshop setting. Student differences in writing style, reservoir of experiences, and writing pace greatly enrich this class. While genre emphasis is primarily on the reading and writing of short poems, plays, and stories, an important feature of this class is regularly assigned writing exercises. This course is intended to serve the individual creative writer by providing opportunities for varied assignments and projects which begin as rough drafts written primarily in class and which are revised and become part of the student's final draft collection of writing.

### **GOTHIC LITERATURE: MONSTER STORIES**

VE1215(SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course will focus on the major themes found in Gothic literature and demonstrate how the core writing drivers produce, for the reader, a thrilling psychological environment . Terror versus horror, the influence of the supernatural, and descriptions of the difference between good and evil are just a few of the themes presented . By the time students have completed this course, they will have gained an understanding of and an appreciation for the complex nature of dark fiction.

### **NUTRITION AND WELLNESS**

008556 (SEMESTER)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This course takes students through a comprehensive study of nutritional principles and guidelines. Students learn about worldwide views of nutrition, essential nutrient requirements, physiological processes, food labeling, weight management, healthy food choices, fitness, diet-related diseases and disorders, food handling, healthy cooking, nutrition for different populations, and more. Students gain important knowledge and skills to aid them in attaining and maintaining a healthy and nutritious lifestyle.

### **MARINE SCIENCE 1**

VE5133-2-3 (YEAR)

EE

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Have you wondered about the secrets of the deep and how the creatures below the ocean's surface live and thrive? Understand more about the aquatic cycles, structures, and processes that generate and sustain life in the sea.