HIGH SCHOOL COURSE CATALOG
2019-2020

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

INTEGRITY | INCLUSIVENESS | COLLABORATION | OPTIMISM
Dear Students and Parents:
This booklet has been designed to help you make some very important decisions for your future. The courses and programs you decide to take while in high school will affect your education and career options. Select your courses carefully while giving serious consideration to your course background, abilities, interests, and post-graduate plans. The course schedule you select should meet graduation requirements and challenge you academically. 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 as you make your final decisions.

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. The district provides equal access to Boy Scouts of America and other designated youth groups.

Disclaimer
The policies and regulations of Norman Public Schools’ Board of Education, or any changes to the Board of Education policies and regulations after the printing of this guide, supersede all information provided in this catalog. For more detailed information, patrons are encouraged to refer to the Norman Public Schools’ Board of Education Policies and Administrative Regulations online at http://www.normanpublicschools.org/Page/2252.

Si usted no habla Inglés, por favor llame a este numero obtener asistencia: 405-366-0589

Norman High School
Dr. Scott Beck, Principal
911 W. Main St
366-5812

Norman North High School
Dr. Peter Liesenfeld, Principal
1809 Stubbeman
366-5954

NHS is ranked #10 Best Public Schools in Oklahoma for 2018

NNHS is ranked #17 Best Public Schools in Oklahoma for 2018
Dear Norman High School Students:

The mission of Norman High School is to develop citizenship, scholarship, and character in students, who are prepared for work and life in a changing global society. In large part, providing students with a high-quality curriculum achieves this mission. We believe in the importance of advisement and the course selection process as it aids students in the pursuit of their academic dreams. As you begin to pursue the course catalog and chart your academic path, it is crucial to begin with the end in mind. Students should consider future goals, prospective college majors, and interests as they make the best decisions regarding their course work at NHS. Please understand the strong connection between course selection and student success. It is our aim to provide the highest level of rigorous and challenging curriculum to each of our students, while offering a rich and diverse selection of courses that cater to individual interests and needs.

Students at NHS are assigned to a faculty advisor in addition to their guidance counselor. Faculty advisors meet with students every Wednesday throughout the school year and facilitate the advisement and enrollment process each spring. Parents and students will attend advisory conferences with the faculty advisor once each school year. During the advisory conference, student, parent and advisor will discuss the course selection for the following school year and address any questions or concerns you may have. Principals and counselors will be available during advisory conferences to assist as well.

Whether you are a freshman interested in the pre-engineering program, a sophomore enrolling in your first Advanced Placement (AP) course, or an upper classman balancing advanced mathematics and science courses with athletics and fine arts passions, we believe you can find whatever it is that you are looking for at NHS.

We understand the essential role that parents play in student success and are eager to form a productive and lasting partnership with your family. Should you have any questions, please contact your administrator or guidance counselor. We look forward to working with you through this process and serving you as you work to make your dreams become a reality at Norman High School.

Sincerely,
Scott Beck
Principal, Norman High School

Dear Norman North High School student:

Welcome to Norman North High School! It is my honor to serve you during these four years of your educational life. Your experiences while at NNHS will help shape the life ahead of you, and our role is to prepare you for whatever paths you choose beyond high school. This course catalog is designed to do exactly that - - to help you create your unique plan; our faculty and staff will be here to assist you every step of the way.

As you look over this course catalog, you should first identify required coursework for graduation. Next, seek out classes that fit both your ability and interests, and enroll in some challenging coursework as well. Find classes that put you outside your comfort zone including AP course; it is through these experiences that you will gain very necessary skills to be successful both now and beyond high school. Your teachers at NNHS will recommend course options for you in each required core area, so take time to review this list with your parents. Our personalized approach to the entire enrollment process both online and during enrollment conferences is structured to reflect the school-home partnership for student learning and success, which we value at North.

Most importantly, find a place to connect with our school! With over 50 unique clubs and organizations, NNHS has something that matches your interests. Whether you are fond of fine arts, athletics or advanced academic paths, we want you to experience your high school years with a strong sense of connectedness and community.

The faculty and administration at NNHS are dedicated to the success of all our students. We are honored to serve you here. Please let us know what we may do to help with your success as you work through the enrollment process, and, ultimately, while you work toward achieving your goals at NNHS and in life.

Sincerely,
Peter Liesenfeld
Principal, Norman North High School
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 **Personal Financial Literacy* and the CPR/AED requirements** stipulated by state law. Students must also show proficiency on all **required state assessments**.

The subsequent pages in this section provide graduation checklists for both College Preparatory/Work Ready Curriculum and Core Curriculum requirements for the Classes of 2019-2022. These Checklists can also be accessed online at the following link: [http://tinyurl.com/h543gyp](http://tinyurl.com/h543gyp).

### College Preparatory/Work Ready Curriculum

<table>
<thead>
<tr>
<th>Curriculum Requirement</th>
<th>Graduation Year 2020</th>
<th>Graduation Year 2021</th>
<th>Graduation Year 2022</th>
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<td>Language Arts</td>
<td>4</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Mathematics</td>
<td>3 (Algebra I or above taken 9-12)</td>
<td>3 (Algebra I or above taken 9-12)</td>
<td>3 (Algebra I or above taken 9-12)</td>
</tr>
<tr>
<td>Laboratory Science</td>
<td>3 (1-Life Science, 1-Physical Science, 1- w/rigor above Bio I or Physical Science)</td>
<td>3 (1-Life Science, 1-Physical Science, 1-w/rigor above Bio I or Physical Science)</td>
<td>3 (1-Life Science, 1- Physical Science, 1-w/ rigor above Bio I or Physical Science)</td>
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<td>World Languages (WL)</td>
<td>2 of same or 2 CT</td>
<td>2 of same or 2 CT</td>
<td>2 of same or 2 CT</td>
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<tr>
<td>Computer Technology (CT)</td>
<td>2 or w of same WL</td>
<td>2 or w of same WL</td>
<td>2 or 2 of same WL</td>
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<tr>
<td>Additional Unit</td>
<td>1 (from above or CT elective, concurrent enrollment, AP, IB approved for college entrance)</td>
<td>1 (from above or CT elective, concurrent enrollment, AP, IB approved for college entrance)</td>
<td>1 (from above, or CT elective, concurrent enrollment, AP, IB approved for college entrance)</td>
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<tr>
<td>Fine Arts/Speech</td>
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<td>1</td>
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<tr>
<td>Electives</td>
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<td>Total Req. Units</td>
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### Core Curriculum

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<th>Graduation Year 2021</th>
<th>Graduation Year 2022</th>
<th>Graduation Year 2023</th>
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<td>4</td>
<td>4</td>
<td>4</td>
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<tr>
<td>Mathematics</td>
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<td>3</td>
<td>3</td>
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<td>Science</td>
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<td>3 (can include qualified Agriculture Classes)</td>
<td>3 (can include qualified Agriculture Classes)</td>
<td>3 (can include qualified Agriculture Classes)</td>
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<td>History &amp; Citizenship Skills</td>
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<td>3</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Computer Tech</td>
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<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Fine Arts/Speech</td>
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<td>1</td>
<td>1</td>
<td>1</td>
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<tr>
<td>Electives</td>
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<tr>
<td>Total Req. Units</td>
<td>23</td>
<td>23</td>
<td>23</td>
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*Beginning with the class of 2019, Personal Financial Literacy (PFL) will be embedded in the required American Government course AP=Advanced Placement; IB=International Baccalaureate
College Entrance Requirements

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

<table>
<thead>
<tr>
<th>Course Requirements for Oklahoma State Colleges and Universities</th>
<th>Option 1 Minimum ACT/SAT</th>
<th>Option 2 Minimum GPA/Class Rank</th>
<th>Option 3 Wait List</th>
<th>Option 4</th>
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</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4 units</td>
<td>grammar, composition and literature</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Math</strong></td>
<td>3 units</td>
<td>Algebra I, Algebra II, geometry, math analysis, trigonometry, pre-calculus (must have completed geometry and Algebra II), calculus and Advanced Placement statistics</td>
<td></td>
<td></td>
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<tr>
<td><strong>Laboratory Science</strong></td>
<td>3 units</td>
<td>biology, chemistry, physics or any lab science certified by school district; general science courses don't qualify</td>
<td></td>
<td></td>
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<tr>
<td><strong>History and Citizenship Skills</strong></td>
<td>3 units</td>
<td>must include 1 unit of American history and 2 units from the subjects of history, economics, geography, government, civics and/or non-Western culture</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>2 units</td>
<td>from any of the subjects listed above or from computer science or foreign language</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>15 units</td>
<td></td>
<td></td>
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</tbody>
</table>

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

Please visit with your school counselor regarding specific university requirements.

Oklahoma Public College and University Admissions Standards

The below list is a simplified list of admission standards. For more information on admissions the following link will take you to Oklahoma State Regents for High Education [http://tinyurl.com/75keq2g](http://tinyurl.com/75keq2g). From this website you can link to all the Oklahoma universities websites.

| University of Oklahoma | 24 ACT or 1090 SAT and 3.0 GPA or Top 50% | 3.0 GPA and top 25% | 3.0 GPA in 15 unit core and 22 ACT or 1020 SAT | HS GPA of 3.0 in the 15 unit core or ACT 22 or SAT of 1020 and answer to application question |
| Oklahoma State University | 24 ACT or 1090 SAT | 3.0 GPA and top 33% | 3.0 GPA in 15 unit core and 21 ACT or 980 SAT | |
| University of Science Arts of Oklahoma | 24 ACT or 1090 SAT | 3.0 GPA and top 25% | 3.0 GPA in 15 unit core and 22 ACT or 1020 SAT | |
| Regional Universities | 20 ACT or 940 SAT | 2.7 GPA and top 50% | 2.7 GPA in 15 unit core | |

Community Colleges: No minimum required. You should take required high school classes and graduate from an accredited high school or have a GED and take the ACT exam.
What is Oklahoma’s Promise?

Oklahoma’s Promise allows 8th, 9th or 10th grade students from families with an income of $55,000 or less to earn a college tuition scholarship. Students must also meet academic and conduct requirements in high school.

Who can apply for Oklahoma’s Promise?

Applicants must be: (1) Oklahoma resident; (2) 8th, 9th, or 10th grade student; (3) Student whose parents earn $55,000 or less per year; and (4) Student who promises to meet the requirements of the program.

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 at the right) and achieve at least a 2.50 cumulative GPA in those courses.
- Achieve at least a 2.50 cumulative GPA for all courses in grades 9-12.
- Attend school regularly.
- Do your homework.
- Stay away from drugs and alcohol.
- Don’t commit criminal or delinquent acts.
- Provide information when requested.
- Meet with a school official to go over your school work and records on a regular basis.
- Apply for other financial aid during your senior year of high school.
- Take part in Oklahoma’s Promise activities that will prepare you for college.

What are the 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)
- **1 FINE ARTS** (music, art, drama) ...**OR... SPEECH**

How to Apply?

Online at [http://www.okpromise.org](http://www.okpromise.org) or get an application from your counselor.

Remember, the student is ultimately responsible for completing the program requirements
Classification

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

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

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.

Want to Play College Sports?

If you want to play NCAA sports at a Division I or II school, you need to register with the NCAA Eligibility Center at [https://web3.ncaa.org/ecwr3/](https://web3.ncaa.org/ecwr3/) during your sophomore year. NPS Athletics has a “NCAA 101” simple reference guide on the NPS website for your convenience [https://www.normanpublicschools.org/Page/2864](https://www.normanpublicschools.org/Page/2864).

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
2. Complete 10 NCAA core courses, including seven in English, math or natural/physical science, before your seventh semester.
3. Earn at least a 2.3 GPA in your NCAA core courses.
4. 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 and meet ALL the following requirements:

1. Graduate from high school
2. Complete 16 NCAA core courses.
3. Earn at least a 2.0 GPA in your NCAA core courses.
4. Earn an ACT sum score of 68 or an SAT combined score of 820.

Core Courses for Division II To play sports at a Division II school, you must complete these 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.

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 interest 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.
Concurrent Enrollment

Want to try out college before leaving high school? Consider signing up for concurrent enrollment. If you are in 11th or 12th 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. You can enroll in college courses if you meet the admission requirements and other conditions listed below.

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

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, on-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 transcripted and may be counted for credit toward high school graduation requirements. The student must submit an official college transcript to the high school registrar. These grades will be used in the calculation of the high school grade point average and class rank.

Use this link to Oklahoma State Regent webpage on concurrent enrollment: [http://tinyurl.com/znpjnde](http://tinyurl.com/znpjnde)

General Enrollment Information

• Norman High School  • Norman North High School
School Year 2019-2020

Careful program planning is desirable for everyone. Parents should be involved in the selection of courses. Conferences with teachers, advisors, and counselors provide additional information to help student 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. Enrollment in a course and teacher availability must be sufficient to justify its inclusion in the schedule. The high schools offer online learning opportunities. Contact a counselor for more information.

Several of the courses described in this catalog include prerequisites, teacher recommendations and certain requirements that are intended to 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.

1. Similar high school core courses will be offered at each high school. Elective courses may vary due to student needs, teacher certification and staff availability. Courses offered at only one high school will be indicated after the course title. Students should select courses offered by the school they attend unless open enrollment in the course is indicated. Off-campus enrollment in selected courses that result in a specific certificate or advanced college placement will be considered on an individual basis with consideration for space availability and scheduling compatibility.

2. It’s never too early to start planning for college and careers. There are things students and parents can do at each grade level to ensure post-graduation readiness. Timelines and Links
3. The work of 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, home schooling or online programs not affiliated with NPS, students must pass appropriate subject exams.

4. Click on this link to learn what course to take next in middle and high school. Course Progressions

5. Norman Public Schools offers summer school courses. Please see website at: http://www.normanpublicschools.org/domain/74 or contact the Assistant Superintendent of Curriculum and Instruction at 405-366-5872.

6. All students should consider the Advanced Placement courses offered at both high schools. Advanced Placement (AP) courses are taught as college level courses and students should take the AP examination in May for possible college credit. There is a fee charged for the test. The AP courses are noted as such in the course description section of this catalog. Assistance is available for those in need.

7. To initiate an internet-based instruction, permission must be received from the school administrator.

8. 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.

9. Moore Norman Technology Center (MNTC) furnishes and 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.

10. The Norman Public School District provides for credit by examination. Proficiency for advancing to the next level of study must be demonstrated by obtaining 90% or better on the proficiency test. Applications must be received 10 days prior to the testing date and can be found at http://www.normanpublicschools.org/domain/2089. Students should contact their counselor for information.

11. 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. Please notify the school counselor and registrar.

12. 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.

13. Classes are provided for students who qualify under the Individuals with Disabilities Education Act as outlined on their Individual Education Program (IEP).
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KEY

| NHS   | course available at Norman HS |
| NNHS  | course available at Norman North HS |
| CP/WR | College Preparatory/Work Ready graduation requirement (replaced ACE) |
| OP    | Oklahoma Promise eligible course |
| MS    | Course available at middle school |
| NCAA  | NCAA eligible course |
**ACT Preparation**

**ACT PREPARATION**
000405 (SEMESTER)

**NHS NNHS**

**PREREQUISITE:** Algebra I and Geometry is recommended for students who plan to take the ACT during the current or following semester.

**GRADE LEVEL:** 9-12

**CONTENT:** Students spend a total of nine weeks each with a math teacher and an English teacher in preparation for the ACT test. English content includes test registration information, strategies for taking the test, practice on grammar skills, reading comprehension skills, and vocabulary building. Math content includes general information about the test, test-taking strategies, and a brief review of specific subject matter. Students take both a pre-test and post-test in each content area. Students do daily lessons and some homework is required.

**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**

**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 breeds 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 plantscape 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 serves such as landscaping, mowing and trimming, designing floral arrangements, growing and selling plans, 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 (SEMESTER)

NNHS

PREREQUISITE: None
GRADE LEVEL: 10-12

CONTENT: Accounting I students will learn about the complete accounting cycle for proprietorships and corporations. Topics include analyzing transactions, journaling, posting, cash control systems, payroll, financial statements, and adjusting and closing entries. Computer activities are included for each chapter using automated accounting software.

ACCOUNTING II
006051-52 (SEMESTER)

NNHS

PREREQUISITE: Accounting I
GRADE LEVEL: 11-12

CONTENT: This second-year course is designed to meet the needs students who wish to make a career in an area requiring accounting, either upon graduation from high school or as a business major in college. Students will learn about the complete accounting cycle for merchandising businesses organized as corporations. Additional topics include departmentalized accounting, accounting control systems, and general accounting adjustments. Automated accounting software is used extensively in this course.

SPORTS & ENTERTAINMENT MARKETING
006241 (YEAR)

NNHS

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.

WEB PAGE DESIGN I
006135 (SEMESTER)

NHS NNHS CP/WR OP

PREREQUISITE: None
GRADE LEVEL: 10-12

CONTENT: Web Page Design I is an introduction to HTML5 and CSS. Students will learn the basic tags required to create an HTML document. The course also includes creating and editing a web page using inline styles, links, images, embedded style sheets, external style sheets, and tables. Students will use Dreamweaver to develop a web page. Topics include formatting text and using cascading style sheets.

WEB PAGE 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 web sites. 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 Education

COMPUTER SCIENCE ESSENTIALS: PROJECT LEAD THE WAY (PLTW)
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: PROJECT LEAD THE WAY (PLTW)
006143-44 (YEAR)

NHS NNHS CP/WR OP

PREREQUISITE:  Algebra I is 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.
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 developmental topics including 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 preparation for the Advanced Placement Computer Science A exam. Students will be expected to master the objectives of the APCS Java subset and encouraged to take the AP exam in the spring.

English

HONORS ENGLISH I
001051-52 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 9

CONTENT: This is an introductory course to study of grammar, composition, and literary analysis. Students will increase literacy skills through the study of fiction, nonfiction, poetry, drama, formal and informal composition, 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 exams. This course is the first of four level English courses to prepare students for college and any other post-secondary options. Because this course prepares students to be successful in later AP English course, students should be willing and able to work independently in both reading and composition.

CP ENGLISH I
001011-12 (YEAR)

NHS NNHS 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 II**  
001023-24 (YEAR)

**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 II**  
001021-22 (YEAR)

**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 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.

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

**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)

**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 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.

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. Reading and responding are focus, as 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. They respond to, discuss, evaluate, and analyze literary works, following the Readers Response theory of analyzing and reflecting on books, making sense of the texts through their lives and observations.

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) (SEMESTER OR YEAR @ NNHS)

**NHS NNHS 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 exercise. 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 (9TH 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.

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.

**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.

**PRINCIPLES OF HUMAN SERVICES**
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.
# 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.

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# Fine Arts

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# AGRICULTURE EDUCATION

This course is located at the Norman High School campus, but are 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:** 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.

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# ART

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# ART I

**007201-02 (YEAR)**

**NHS NNHS CP/WR OP FA**

**PREREQUISITE:** None

**GRADE LEVEL:** 9-12

**CONTENT:** 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

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**Note:** The above information is a natural representation of the document content as read.
**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.

**3-DIMENSIONAL ART I**
007225 (SEMESTER)

**NHS NNHS CP/WR OP FA**
**PREREQUISITE:** Art I
**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 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.

**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.

**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.
INTRODUCTION TO DANCE - ART & 3D PERFORMANCE  
007165 (SEMESTER) (May be repeated for credit)

NHS NNHS CP/WR OP FA

PREREQUISITE: None
GRADE LEVEL: 9-12

CONTENT: Art and 3D Performance is an introduction to dance course designed for students with limited or no previous dance training. Instruction consists of daily study of the fundamentals of movement through experiential learning of movement skills. The student will be exposed to warm-up techniques (emphasizing flexibility, endurance and coordination), structured improvisational dance studies. Various styles of dance will be explored and may range from traditional to classical to contemporary. These styles may include jazz ballet, modern dance, folk and ethnic dance, and social dance forms as well as others. Cultural and historic aspects of various forms of dance will be explored as well as their communicative and expressive elements. Students may perform informally, for other classes or for demonstration purposes. Some rehearsal outside of school may be required.

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

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 middle school or high school 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

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 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.

CHORAL MUSIC

MENS 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.

WOMENS 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.

TREBLE CHOIR
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. This course is for women.

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 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 required rehearsals and performances outside the school day. This course is for both men and women.
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 men and women 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 morning.

SHOW CHOIR
007191-92 (YEAR) (May be repeated for credit)

NHS CP/WR ACE OP FA

PREREQUISITE: Audition and concurrent enrollment in another choir – the audition will include singing and dancing.

GRADE LEVEL: 10-12

CONTENT: This group consists of students who sing, dance and entertain. This choir participates in several concerts, contests, community service performances, and festivals each year. During peak performance times, extra rehearsals and performances may be held outside this class period. This class meets early morning. Enrollment is not permitted until after audition and selection.

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 and/or Audition

GRADE LEVEL: 9-12 (9th 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 competing statewide in acting, oral interpretation, and forensic events. Speech contests take place on weekends, and the students travel for (4) four to (10) ten or more contests per year. A one-act play is presented in competition with other schools, and a bill of one-acts is presented at the end of the year. Among the events covered in the class are; one-act play competition; standard oratory; original oratory; dramatic and humorous interpretation (solo acting); poetry and prose interpretation; monologue; and Readers’ Theatre Acting techniques for competition and oral interpretation are covered in class and performed at contest. Competition at contests, as well as outside of class rehearsal and performance time is mandatory.
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 public speaking oriented career, which debate would augment. Organized argument and research techniques are stressed, as are persuasion and smoothness of speaking style. Students attend three to six contests per year and may attend National Forensic League Student Congress at the end of the year. In addition to team debating and Lincoln-Douglas debating, other contest events include original oratory, foreign extemporaneous speaking, and domestic extemporaneous speaking. Debate contests take place after school Fridays and some parts of Saturdays.

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.

MUSIC / DRAMA PRODUCTION
001575 (SEMESTER) (May be repeated for credit)

NHS CP/WR OP FA

PREREQUISITE: Try-outs or Portfolio

GRADE LEVEL: 9-12

CONTENT: This course is designed to offer the student a wide range of production skills from a show's conception until the end of the production. Not only does the class focus on stage performance, but also on publicity, sales, set construction, lighting, sound, stage management, and other skills needed to produce a musical/drama. Students are directly involved in a performing or technical capacity and are expected to spend a significant amount of time outside of class during the rehearsal and performance phase of production.

STAGECRAFT -3D CONSTRUCTION
001581-82 (SEMESTER OR YEAR) (May be repeated for credit)

NHS NNHS CP/WR OP FA

PREREQUISITE: Teacher permission is required before enrolling.

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.
Health

WELLNESS & FITNESS
005015 (SEMESTER)

NHS NNHS

PREREQUISITE: None
GRADE LEVEL: 9-12

CONTENT: Students study wellness issues including controlling of 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

AVID I
000201-02 (YEAR)

NHS NNHS

PREREQUISITE: None
COREQUISITE: Enrollment in CP, Honors, or AP coursework
GRADE LEVEL: 9

CONTENT: AVID is an acronym that stands for Achievement via Individual Determination. It is an in-school academic support program for high school students, which prepares them for college eligibility and success. It is for all students, but it targets those in the academic middle. AVID is not a remedial program, AVID students must enroll in one or more advanced academic classes (Honors or AP). Students will also be required to maintain an AVID Binder and complete all homework assignments and commit to studying every night.

AVID II
000211-12 (YEAR)

NHS NNHS

PREREQUISITE: None
COREQUISITE: Enrollment in CP, Honors, or AP coursework
GRADE LEVEL: 10

CONTENT: AVID is an acronym that stands for Achievement via Individual Determination. It is an in-school academic support program for high school students, which prepares them for college eligibility and success. It is for all students, but it targets those in the academic middle. AVID is not a remedial program, AVID students must enroll in one or more advanced academic classes (Honors or AP). Students will also be required to maintain an AVID Binder and complete all homework assignments and commit to studying every night.

AVID III
000221-22 (YEAR)

NHS NNHS

PREREQUISITE: None
COREQUISITE: Enrollment in CP, Honors, or AP coursework
GRADE LEVEL: 11

CONTENT: AVID is an acronym that stands for Achievement via Individual Determination. It is an in-school academic support program for high school students, which prepares them for college eligibility and success. It is for all students, but it targets those in the academic middle. AVID is not a remedial program, AVID students must enroll in one or more advanced academic classes (Honors or AP). Students will also be required to maintain an AVID Binder and complete all homework assignments and commit to studying every night.

AVID IV
000231-32 (YEAR)

NHS NNHS

PREREQUISITE: None
COREQUISITE: Enrollment in CP, Honors, or AP coursework
GRADE LEVEL: 12

CONTENT: AVID is an acronym that stands for Achievement via Individual Determination. It is an in-school academic support program for high school students, which prepares them for college eligibility and success. It is for all students, but it targets those in the academic middle. AVID is not a remedial program, AVID students must enroll in one or more advanced academic classes (Honors or AP). Students will also be required to maintain an AVID Binder and complete all homework assignments and commit to studying every night.
AP CAPSTONE SEMINAR
000281-82 (YEAR)

NHS NNHS

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 course 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

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.

JOURNALISM I
001305 (SEMESTER) (May be repeated for credit)

NHS NNHS

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

**LEADERSHIP / CITIZENSHIP I**
001355 (SEMESTER)

**NHS NNHS**

**PREREQUISITE:** None

**GRADE LEVEL:** 9-12

**CONTENT:** Students study all aspects of leadership; self-awareness, leadership theories and styles, communication, organization, group processes, problem solving, and evaluation. The skills learned in class are used in class, school and community projects. A considerable amount of outside class time is necessary to fulfill community service hours and school activity requirements (18 hours minimum).

**LEADERSHIP / CITIZENSHIP II**
001365 (SEMESTER)

**NHS**

**PREREQUISITE:** None

**GRADE LEVEL:** 9 (second semester) – 12

**CONTENT:** Students apply skills learned in Leadership I; self-awareness, leadership theories and styles, communication, organization, group processes, problem solving, evaluation, parliamentary procedure, and school law/liability. The semester culminates in a major presentation/production to the school or community. School and community leaders are invited to interact with the class, as well as the class/individuals visit their business. A considerable amount of outside class time is necessary to fulfill community service hours and school activity requirements.

**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.

**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 situation 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 Class
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 aspect 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 organization.

Mathematics

ALGEBRA I
004041-42 (YEAR)

NHS NNHS CP/WR OP MS NCAA

PREREQUISITE: None
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 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 CP/WR

PREREQUISITE: Algebra I, 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 CP/WR OP NCAA

PREREQUISITE: Algebra I, Geometry, Recommended for students who made a 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 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 Math Analysis. 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 principals. Graphing calculators will be used in class, the TI-84 is recommended.

**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 Advance Placement or College Calculus. 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)

**NHS 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 CP/WR OP NCAA**

**PREREQUISITE:** Recommended grade of C or better in 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)

**BC LAB 004305 (1ST SEMESTER)**  
**NNHS ONLY**

**PREREQUISITE:** Recommended grade of B or better in Pre-Calculus

**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 MATHMATICS
- AEGIS 3 004111-12
- AEGIS 4 004121-22

(TWO YEARS)

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 seminar.

COLLEGE ALGEBRA
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, which reviews basic algebraic skills such as multiplying and factoring polynomials, rational expressions, linear equations and inequalities, exponents and radicals, plus absolute values. Other topics include the concept, notation, and algebra of functions, functions of linear, polynomial, rational, exponential, and logarithmic type, and systems of equations.

Media

MEDIA I
001405 (SEMESTER)

NHS NNHS CP/WR OP FA

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: This survey class is a PREREQUISITE for all other media classes. Students will be introduced to the various media that influence our daily lives; books, comics/animation, film, music and recordings, newspapers, magazines, radio networks/internet and video/television. 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 some 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 aired on the district’s public access channel and 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 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 NNHS 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.

Philosophy

PHILOSOPHY
001615 (SEMESTER)

NNHS

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 grown 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.
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 (2nd semester)
- Softball-Fast Pitch (1st semester)
- Basketball (year)
- Softball-Slow Pitch (2nd semester)
- Cross Country (1st semester)
- Swimming (year)
- Football (1st semester)
- Tennis (2nd semester)
- Golf (2nd semester)
- Track and Field (2nd semester)
- Soccer (2nd semester)
- Volleyball (1st 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.

PHYSICAL EDUCATION

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.

NHS NNHS

PREREQUISITE: None

GRADE LEVEL: 9-12

CONTENT: Students acquire knowledge of rules and skills for lifetime 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.

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.

Science

PHYSICAL SCIENCE (freshman only)
003001-02 (YEAR)
NHS NNHS 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 conduction investigations, gathering qualitative/quantitative observations, data analysis, modeling, and the use of mathematical and computational thinking to communicate their understanding of concepts.
PHYSICAL SCIENCE A (11-12 only)
003005 (SEMESTER)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Concurrent enrollment in Algebra I
GRADE LEVEL: 11-12 only
CONTENT: Physical Science is the study of matter and energy. This course emphasizes scientific practices including inquiry investigations, the use of proper laboratory techniques, metric measurements, graphing and data interpretation skills, and the use of mathematics to explain concepts and solve problems. Topics investigated will focus on matter’s structure and properties, chemical reactions and nuclear processes. Students who have completed Honors Chemistry or CP Chemistry should not enroll in this course.

PHYSICAL SCIENCE B (11-12 only)
003015 (SEMESTER)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Concurrent enrollment in Algebra I
GRADE LEVEL: 11-12 only
CONTENT: Physical Science is the study of matter and energy. This course emphasizes scientific practices including inquiry investigations, the use of proper laboratory techniques, metric measurements, graphing and data interpretation skills, and the use of mathematics to explain concepts and solve problems. Topics investigated will focus on force, motion, energy, and energy transfer. Students who have completed Physics should not enroll in this course.

HONORS BIOLOGY
003023-24 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: 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 BIOLOGY
003021-22 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: Physical Science
GRADE LEVEL: 10
CONTENT: CP Biology I is a lab-based course emphasizing activities in which data is collected and analyzed to develop major concepts. The course explores science processes, such as observing and measuring, classifying, experimenting, interpreting and communicating data. Students investigate major topics of content such as the cell, the molecular basis of heredity, biological diversity, the interdependence of organisms, matter, energy and organization of living systems, and the behavior of organisms.

AP BIOLOGY
003051-52 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: CP Biology I or Honors Biology I and CP Chemistry I or Honors 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.

**PHYSIOLOGY / ANATOMY**
003111-12 (YEAR)

**NHS NNHS CP/WR OP NCAA**

**PREREQUISITE:** CP Biology or Honors Biology

**GRADE LEVEL:** 10-12

**CONTENT:** This course is a science course for students preparing for some branch of the biological sciences in higher education. It is geared toward students preparing for a career in the allied health areas. The course is a laboratory centered two semester course. Outside readings, term projects and dissections are required. The 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 CP/WR OP NCAA**

**PREREQUISITE:** Physical Science and concurrent enrollment in Geometry is recommended

**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.

**GEOLOGY**
003215 (SEMESTER)

**NHS NNHS CP/WR OP NCAA**

**PREREQUISITE:** 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:** 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 or Honors 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.

CP CHEMISTRY I
003061-62 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: CP Biology or Honors Biology and concurrent enrollment in Algebra II is strongly recommended
GRADE LEVEL: 11-12

CONTENT: CP Chemistry I is a general chemistry course stressing the relationship of chemical laws and phenomena to our physical environment. Laboratory experiences in physical and inorganic chemistry provide the foundation for concept development. In CP Chemistry I students will solve problems with an emphasis on scientific principles and mathematical approaches. Students will learn about formula and equation writing, atomic theory, bonding, solutions, electrochemistry, and stoichiometry. CP Chemistry I is a rigorous course for the college-bound student and requires some out of class preparation.

AP ENVIRONMENTAL SCIENCE (APES)
003183-84 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: CP Biology or Honors 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.

**AP CHEMISTRY**

003081-82 (YEAR)

**NHS NNHS CP/WR OP NCAA**

**PREREQUISITE:** CP Chemistry I or Honors 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 CP Chemistry I and Honors 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.

**PHYSICS**

003091-92

**NHS NNHS 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.

**AP PHYSICS C**

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 Engineering Mechanics AP Physics C exam in May. Consequently, daily homework is assigned and some out of class tests are given.

**FORENSIC SCIENCE STUDIES**

003175 (SEMESTER)

**NHS NNHS CP/WR OP NCAA**

**PREREQUISITE:** Successful completion of CP Biology or Honors Biology and concurrent enrollment in CP Chemistry I or Honors Chemistry.

**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.
CP INTRODUCTION TO ENGINEERING DESIGN: PROJECT LEAD THE WAY (PLTW)
006271-72 (YEAR)

NHS NNHS CP/WR OP

PREREQUISITE: Completion of Algebra I with A or B and 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.

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.

Social Studies

CP World History
002071-72 (year)

NHS NNHS 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. CP World History is a project-based course which will lead to AP U.S. History.

AP WORLD HISTORY
002081-82 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: None

GRADE LEVEL: 10-12
**CONTENT:** Advanced Placement World History is a full year course equivalent to an introductory college survey course which explores the expansive history of humanity. Students will learn many facts, but also the critical thinking skills necessary to analyze historical evidence. Five themes will be used as a frame of reference in the chronological study of our world’s history. These themes are: interaction between humans and the environment; development and interaction of cultures; state-building, expansion and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures. An important skill students will acquire is the ability to examine change over time, including the causation of events as well as the major effects of historical developments, the interconnectedness of events over time, and the spatial interactions that occur over time that have geographic, political, cultural, and social significance. Students also will learn how to compare developments in different regions and in different time periods. Students will be strongly encouraged to take the College Board AP World History Exam in May.

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

**NHS NNHS 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 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 they 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 problem, 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 performance task.

**AMERICAN GOVERNMENT**
002185 (SEMESTER)

**NHS NNHS 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 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 REQUIREMENTS
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 class of 2019, PFL requirements will be embedded in the American Government course. Contact your counselor for more information.

OKLAHOMA HISTORY
002195 (SEMESTER)

NHS NNHS 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 virtual admission of Oklahoma as the 46th 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 20th century. This class includes projects, cooperative learning, and research assignments.

CURRENT ISSUES
002215 (SEMESTER)

NHS NNHS NCAA

PREREQUISITE: None
GRADE LEVEL: 9-12

CONTENT: Students 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: 11-12

CONTENT: This course is designed to make demands similar to those expected in a college course in Modern European History. The content focuses on European history from the Renaissance to the present. The course requires factual knowledge and analytical writing skills. It is designed to teach research skills, reading and interpreting historical documents, understanding of the relationship of culture, politics and art in historical periods and recognizing the impact of personalities and ideology in the modern state of Europe. Major concepts include politics, economics, social reforms, geography and technology. The AP exam should be taken in the spring.

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 20th 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 principals of Constitutional Law.
INTERNATIONAL PROBLEMS
002205 (SEMESTER)

NNHS NCAA

PREREQUISITE: None
GRADE: 11-12

CONTENT: This class will focus on current events and the background of today’s problem areas. The class starts out with the Cold War and its impact on current cultural, political and economic issues including the chaos that followed the fall of the USSR. This class is dynamic and is subject to change, but tentative subjects include terrorism, modern slavery and conflict in the Middle East. The class will watch live news and discuss the implications on a near daily basis. The class includes use of simulations, maps, the Internet and live CNN news.

AP HUMAN GEOGRAPHY
002101-02 (YEAR)

NHS NNHS CP/WR OP NCAA

PREREQUISITE: None
GRADE LEVEL: 9-12 (9th 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 I
002155 (SEMESTER)

NHS 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 student of psychology. The textbook utilized in the course is an upper reading level book and the workload requires serious commitment.

AP PSYCHOLOGY
002161-62 (YEAR)

NHS NNHS 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 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.

SOCIOLOGY II
002145 (SEMESTER)

NHS NCAA

PREREQUISITE: Sociology I
GRADE LEVEL: 10-12

CONTENT: Based upon the concepts introduced in Sociology I, this course examines a broad range of social problems challenging our society today. These include a sociological view of physical health care (e.g. AIDS) and mental illness (e.g. Anorexia Nervosa), sex related social problems, alcohol and drug problems, violence in America, racism, problems of the elderly, the futurism. Students are encouraged to be creative within the structure of the scientific method. Activities include experiments, readings, projects, class discussions, and an optional field trip to a prison. The course uses a college level textbook.

A STUDY OF 39 TRIBES IN OKLAHOMA
002265 (SEMESTER)

NHS NNHS CP/WR OP NCAA

PREREQUISITIES: None
GRADE LEVEL: 9-12

CONTENT: Expands the Social Studies electives of cultural studies. Course in cultural studies. Courses in cultural studies encourage students to explore either their own personal heritage or that of another group. NPS contains the third largest percentage of Native Americans in communities of 100,000 people or more.

World Languages

CHINESE I
009501-02 (YEAR)

NHS NNHS 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 aide 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 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 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 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 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 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 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 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 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 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 devises 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.

SPANISH I
009151-52 (YEAR)

NHS NNHS 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 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 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.

AP SPANISH LANGUAGE & CULTURE
009201-02 (YEAR)

NHS NNHS 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).
FOR MORE INFORMATION

NORMAN NORTH HIGH SCHOOL - 366-5954
NORMAN HIGH SCHOOL - 366-5812
ALCOTT MIDDLE SCHOOL - 366-5845
IRVING MIDDLE SCHOOL - 366-5941
LONGFELLOW MIDDLE SCHOOL - 366-5948
WHITTIER MIDDLE SCHOOL - 366-5956
NORMAN NET - 579-1881

Dr. Nick Migliorino
Superintendent

Dr. Shirley Simmons
Assistant Superintendent, Educational Services

Mrs. Holly Nevels
Assistant Superintendent, Student Services

@NormanPublicSchools
@NormanSchools
WHAT ARE CAREERTECH PROGRAMS?
Moore Norman Technology Center is one of 29 technical schools in Oklahoma. Our programs prepare high school and adult students for a career through a technical education. These programs often lead to industry certifications, which can get you to work quickly, and can also be stepping-stones into a degree program in college.

WHY A TECHNICAL EDUCATION WORKS
MNTC is a part of the Oklahoma CareerTech system, and our focus is on career and technical training. Students can complete our programs much faster than the traditional college route, and students can specialize and become certified in career and industry areas unavailable through other education settings.

Most MNTC students have the opportunity to work toward earning industry certifications, which puts them at an advantage when applying for jobs in today’s workforce. MNTC students have a 95 percent positive-placement rate, which means our graduates are continually hired for jobs that are directly related to their MNTC training.

High school students have the added benefit of earning two (2) or three (3) elective course credits on their transcripts for their MNTC program.

WHO CAN ATTEND?
Our classes are open to all adults and high school students who live in our district consisting of Moore, Norman, and south Oklahoma City. High school students enrolled in MNTC programs attend our Franklin Road Campus, while also attending their home high school in the Norman or Moore Public School district.

OKLAHOMA’S PROMISE (OHLAP/ACE)*
MNTC high school students have the opportunity to earn computer and lab science credit for some of our programs. Look for the asterisk next to class names to see if they qualify for Oklahoma’s Promise/ACE credit.

COST TO ATTEND MNTC
MNTC programs are free to high school students who attend public, private, or home school in Moore, Norman, or south OKC. There may be minimal supply costs or transportation requirements in some programs. Make sure to ask your MNTC High School Career Advisors about specific cost or transportation details during enrollment.

FLEXIBLE SCHEDULING
High school students may attend in a three-hour block in the morning or afternoon. After graduation, they can attend full- or part-time to complete a program, or can start a new program as an adult student.

TRANSPORTATION
MNTC provides bus transportation to-and-from our Franklin Road Campus for our five partner high schools in Norman and Moore.

LEADERSHIP OPPORTUNITIES
MNTC student organizations offer many opportunities for students to develop leadership skills, hold officer positions, and compete in state and national contests. Student organizations are a great way to get involved with your class and your community.

- National Technical Honor Society
- SkillsUSA – Technical & Trades
- DECA – Entrepreneurship Student Organization
- HOSA – Health Occupations Students of America
- BPA – Business Professionals of America
- TSA – Technology Student Association
- District, state, and national conferences & competitions

EMPLOYMENT SERVICES
MNTC students learn to generate a professional resume and develop their interviewing and work skill-sets in preparation for landing a job through the Employment Services office. Additionally, the Employment Services coordinator and our instructors have close working relationships with local and state employers who look to MNTC to fill job openings with qualified graduates.

Visit: career-connections.mntc.edu

MNTC HIGH SCHOOL CAREER ADVISORS
High School Career Advisors are MNTC employees who are available at your high school throughout the week to help with any questions about MNTC, our classes, and scheduling.

Lee Ann Kennedy
High School Career Advisors - Norman
P: 405.801.5054
E: leeann.kennedy@mntc.edu

LEGEND
-College Credit | * Oklahoma’s Promise | ‡ High School Only
‡ High School Seniors & Adults | * Diploma or GED Required

CLASSES ONLY AVAILABLE TO STUDENTS 18 & OLDER *
In order to enroll in these classes, students must have a high school diploma or equivalent, and meet all pre-requisite and entrance requirements.

All wage information in the following pages can be found at: careeronestop.com
TEACHER PREP
Teacher Prep will be your first foot in the door of the world of teaching. Whether you’re interested in teaching at the elementary, middle/jr. high, high school or college level or in corporate training, Teacher Prep will help you explore this vital and fulfilling career path. Develop leadership skills and make connections with leaders in the field of education. Explore teaching programs, learn educational theory, classroom management, create lesson plans, and have the opportunity to implement your plan in an actual classroom.

PERSONAL FITNESS TRAINER
The Personal Fitness Trainer program can give you the skills to help people achieve their maximum potential through health and fitness. Students learn how to coach others through safe and effective exercise, design purposeful fitness programs, and instruct and motivate others to reach their personal health and fitness goals. Upon completion of the program, students are prepared to sit for the American Council on Exercise (ACE) – Certified Personal Trainer Certification or National Strength and Conditioning Association (NSCA) – Certified Personal Trainer Certification. Available to high school seniors and adults only.

ACCOUNTING
Accounting specialists like bookkeepers and accounting clerks update and maintain accounting records, tabulate expenses and receipts, and measure profit and loss. Learn business accounting and software such as QuickBooks, Microsoft Word, and Microsoft Excel. Train for work as an accounts payable & receivable clerk, financial clerk, or as a full charge bookkeeper, and work toward earning national certifications in Word or Excel for accounting industry.

CYBER DEFENSE
Students learn to plan, coordinate and implement security measures for networking systems. Learn the basics of repair, maintenance and installation of computer hardware, software and operating systems and gain intro to basic security principles for networks and operating systems. Gain skills required for certifications offered by CompTIA, along with additional security certifications for Security+, A+ and Net+.
DATABASE ADMINISTRATION *
Database administrators work with database management systems software and determine ways to organize and store data. Learn Oracle Database Structured Query Language (SQL) and PL/SQL programming, and develop technical, analytical and business skills for programming design and project management. Prepare for Oracle and Microsoft certifications, and work anywhere in the U.S.

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<thead>
<tr>
<th>Career Path</th>
<th>Education Path</th>
<th>Avg. Oklahoma Salary</th>
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<tbody>
<tr>
<td>Database Administrator</td>
<td>Associate or bachelor's degree in management information systems, computer science, or other related field</td>
<td>Database Administrator HOURLY: $19.35 - $53.72 ANNUALLY: $40,200 - $111,700</td>
</tr>
<tr>
<td>Database Junior Developer</td>
<td>Associate or bachelor's degree in management information systems, computer science, or other related field</td>
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DIGITAL VIDEO PRODUCTION *
Video production technicians are employed by a variety of organizations that have production departments responsible for creating videos in-house. Receive hands-on training with digital video production equipment to learn all aspects of studio and field production including: directing, audio, lighting, graphics, videography, editing, color grading, and sound editing. Class participation includes working on short films for the annual MNTC Red Carpet Film Festival.

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<tbody>
<tr>
<td>Digital Cinema</td>
<td>Associate or bachelor's degree in broadcast communications, film, or other related field</td>
<td>Camera Operators, TV, Video, Film HOURLY: $8.79 - $32.86 ANNUALLY: $18,300 - $68,300</td>
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<tr>
<td>Video Editing</td>
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<tr>
<td>Corporate and Religious Video Production</td>
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<tr>
<td>Broadcast</td>
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<tr>
<td>Communications</td>
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<tr>
<td>Event Videography</td>
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ENTREPRENEURSHIP
Entrepreneurs are small business owners responsible for managing all aspects of their own business. Work in teams and learn effective communication, presentation, and personal/professional development skills. Plan, organize, direct, and control all functions of operating a business including how to effectively market, finance, and manage. Students operate and manage an on-site store called The Backroom Clothing Company.

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<tr>
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<tbody>
<tr>
<td>Small Business Owner</td>
<td>Associate or bachelor's degree in business, finance, communications, or other related field</td>
<td>Operations or General Manager HOURLY: $19.45 - $89.60 ANNUALLY: $40,300 - $186,400</td>
</tr>
</tbody>
</table>

GRAPHIC DESIGN *
Graphic designers conceptualize visual promotional projects like company logos, brochures, ads, etc., then use design software to generate artwork that communicates effectively to a target audience. MNTC’s class operates a small advertising agency called Stellar that generates print materials for community organizations. Learn Adobe Photoshop, Illustrator, and InDesign, and work exclusively with Apple and Adobe products, while developing a professional design portfolio.

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<tbody>
<tr>
<td>Advertising Designer</td>
<td>Associate or bachelor's degree in graphic arts, design, art, communications, or other related field</td>
<td>Graphic Designer HOURLY: $12.91 - $32.88 ANNUALLY: $25,400 - $68,400</td>
</tr>
</tbody>
</table>

LEGAL OFFICE SERVICES *
Legal administrative assistants and receptionists provide vital administrative support in attorney offices, corporate legal offices, government agencies, and nonprofit organizations. Learn legal terminology, legal research, the use of legal forms and documents, filing, and scheduling. Gain an understanding of basic legal concepts in several areas of law. Prepare for the Accredited Legal Professional (ALP) Certification.

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<tbody>
<tr>
<td>Legal Administrative Assistant</td>
<td>Associate or bachelor's degree in paralegal, business administration, or other related field</td>
<td>Legal Administrative Assistant HOURLY: $12.63 - $23.21 ANNUALLY: $26,300 - $48,300</td>
</tr>
<tr>
<td>Legal Receptionist</td>
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</tbody>
</table>

NETWORK INFORMATION SYSTEMS *
Students learn to repair, service and troubleshoot personal computers and computer-related equipment. Install and configure operating systems and application software, including networking basics, like: installation, configuration and troubleshooting of hardware peripherals and protocols. Students gain technical skills required for CompTIA A+, CompTIA Network+, and Microsoft Information Technology Professional (MCITP) certifications.

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<th>Career Path</th>
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<tbody>
<tr>
<td>Desktop Support Technician</td>
<td>Associate or bachelor's degree in computer information systems, or other related field</td>
<td>Network Support Specialist HOURLY: $18.93 - $27.70 ANNUALLY: $39,374 - $56,630</td>
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<tr>
<td>Network PC Support Specialist</td>
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PRE-ENGINEERING *
Pre-Engineering provides students who are interested in an engineering career with a clear outlook of what it takes to be a mechanical, electrical, civil, software or aerospace engineer. Students are taught Project Lead The Way (PLTW) curriculum, and learn to think and work like engineers through their work with hands-on projects. Learn and use the latest industry software and hardware for projects and presentations. Build a working robot used for various robotics competition.

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<tbody>
<tr>
<td>Pre-Engineering</td>
<td>Associate or bachelor's degree in engineering, or other related field</td>
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</tbody>
</table>

PROGRAMMING & SOFTWARE DEVELOPMENT *
Programmers develop and write computer programs to store, locate, and retrieve specific data. Learn programming fundamentals and write and design programs using Java and C#, and prepare for industry-recognized Sun Certified Java Associate and Microsoft Technology Associate certifications.

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<tbody>
<tr>
<td>Developer (Multiple Languages)</td>
<td>Associate or bachelor's degree in management information systems, computer science, or other related field</td>
<td>Computer Programmer HOURLY: $15.15 - $51.23 ANNUALLY: $31,500 - $106,600</td>
</tr>
</tbody>
</table>
**VIRTUALIZATION & CLOUD STORAGE * **

There is a growing demand for skilled Virtualization Professionals. Virtualization uses a software application to simulate a virtual computing environment inside a physical computing environment. Students will learn the concepts, principles and deployment of Virtual Machine Clusters, Storage and Deployment considerations. This area of Information Technology is rapidly expanding. Students have the opportunity to achieve industry recognized certifications like A+, NET+, SEC+, Cloud+, as well as VMware specific certification VCA-DBT.

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<tbody>
<tr>
<td>Logistics Engineers</td>
<td>Bachelor’s degree in computer science, or other related field</td>
<td>Computer and Information Systems Manager</td>
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<tr>
<td>Computer Systems Analysts</td>
<td></td>
<td>HOURLY: $26.23 - $71.61</td>
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<tr>
<td>Computer Network Architects</td>
<td></td>
<td>ANNUALLY: $54,600 - $148,900</td>
</tr>
</tbody>
</table>

**WEB DESIGN ***

Webmasters are responsible for all technical aspects of a website including performance, speed of access, and maintaining site content. This class also covers many aspects of graphic design that are necessary to become a well-rounded web designer. Learn to build websites using HTML, content management systems (CMS), Adobe Photoshop and Illustrator, and prepare for an industry certification in web design.

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<tbody>
<tr>
<td>Webmaster</td>
<td>Associate or bachelor’s degree in computer information systems, internet technology, or other related field</td>
<td>Web Developer</td>
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<td>HOURLY: $14.82 - $41.47</td>
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<td>ANNUALLY: $20,800 - $86,300</td>
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</tbody>
</table>

**BIOTECHNOLOGY ‡ * **

Biotechnologists set up, operate, and maintain laboratory instruments, monitor experiments, make observations, perform research, calculate and keep detailed logs and develop conclusions. Learn DNA extraction, replications, genetics and conduct research in a hi-tech lab. This class counts toward high school credit: Biology II.

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<tbody>
<tr>
<td>Biotechnology</td>
<td>Associate or bachelor’s degree in biotechnology, biology, chemistry, or other related field</td>
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</table>

**MEDICAL ASSISTING † **

Medical Assisting provides students with hands-on experience in administrative and clinical skills in a health care setting. Take medical histories, perform vital signs and assist the physician during examinations and minor office surgeries. Students learn to draw blood, prepare patients for X-rays, take electrocardiograms, remove sutures, change dressings and sterilize medical instruments. Students gain hands-on experience by conducting clinical observations, and working with patients.

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<tr>
<td>Medical Assistant</td>
<td>Associate or bachelor’s degree in applied science, science, biology, pre-medicine, or other related field</td>
<td>Medical Assistant</td>
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<td></td>
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<td>HOURLY: $9.72 - $17.60</td>
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<td>ANNUALLY: $20,200 - $36,600</td>
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**NURSE AIDE ‡ **

Nurse Aide prepares students for a future nursing career by preparing them for two state certifications: Long-Term Care Nurse Assistant, and Home Health Assistant. This class provides core knowledge based upon National Health Core Skill Standards. After certification, graduates can work as a long-term care/home health assistant. Students perform clinical skills such as taking vital signs, personal care, transferring, and transporting patients.

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<tbody>
<tr>
<td>Nurse Aide</td>
<td>Associate or bachelor’s degree in nursing, pre-medical, or other related field</td>
<td>Nursing Assistant</td>
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<tr>
<td></td>
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<td>HOURLY: $8.23 - $16.10</td>
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<td>ANNUALLY: $17,120 - $33,490</td>
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**PHYSICAL THERAPY AIDE ‡ **

Physical therapy aides perform components of physical therapy procedures and related tasks selected by a supervising physical therapist. Students gain hands-on experience by conducting clinical observations, and working with patients.

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<tbody>
<tr>
<td>Physical Therapy Aide</td>
<td>Associate or bachelor’s degree in physical therapy, athletic training or other related field</td>
<td>Physical Therapy Aide</td>
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<tr>
<td></td>
<td></td>
<td>HOURLY: $8.12 - $13.64</td>
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<td>ANNUALLY: $16,880 - $28,370</td>
</tr>
</tbody>
</table>
PRE-NURSING *

Students who complete Pre-Nursing may gain entry-level employment as an Advanced Unlicensed Assistant (AUA). Most jobs are in acute care settings such as in hospitals. Experience hands-on training in a simulated laboratory setting and gain entry-level employment in the health field as an AUA. High school students may earn credit for Anatomy & Physiology. Students gain hands-on experience by conducting clinical observations, and working with patients.

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<tbody>
<tr>
<td>Advanced Unlicensed Assistant</td>
<td>Associate or bachelor's degree in nursing, or practical nursing at MNTC</td>
<td></td>
</tr>
</tbody>
</table>
| Advanced Unlicensed Assistant/Nursing Assistant | Associate or bachelor's degree in nursing, or practical nursing at MNTC | HOURLY: $8.14 - $13.81  
                  ANNUALLY: $16,900 - $28,700 |

VETERINARY ASSISTANT ‡

Veterinary assistants provide proper illness and wellness care for animals, and assist in the care of animals during and after surgery. Students gain hands-on experience, conduct clinical observations, and work with animals and with veterinary teams.

<table>
<thead>
<tr>
<th>Career Path</th>
<th>Education Path</th>
<th>Avg. Oklahoma Salary</th>
</tr>
</thead>
</table>
| Veterinary Assistant | Associate or bachelor's degree in veterinary medicine, or other related field | HOURLY: $8.16 - $15.55  
                  ANNUALLY: $16,970 - $32,340 |

TECHNICAL CAREERS

AUTOMOTIVE COLLISION REPAIR & REFINISHING

Automotive collision technicians are trained in automotive body repair and refinishing. Repair damaged bodies and parts of vehicles by straightening, removing dents, and replacing damaged auto body parts. Train to become a Collision Non-structural Repair & Refinishing Technician, and prepare to take the I-CAR Certification.

<table>
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<tr>
<th>Career Path</th>
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<th>Avg. Oklahoma Salary</th>
</tr>
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<tbody>
<tr>
<td>Collision Non-Structural Repair &amp; Refinishing Technician</td>
<td>Associate or bachelor's degree in automotive technology, engineering, business, or other related field</td>
<td></td>
</tr>
</tbody>
</table>
| Automotive Body Repair Technician                | Associate or bachelor's degree in automotive technology, engineering, business, or other related field | HOURLY: $12.19 - $31.65  
                  ANNUALLY: $25,400 - $65,800 |

Carpenters are needed to meet the on-going demand for new housing, office, and retail space. Learn to estimate and order building materials, prepare, assemble, and install materials using hand and power tools, and construct a custom project home. Train as a cabinetmaker or residential carpenter, and earn an OSHA 10 Card and a General Induction Card for on-site work. Work as a cabinetmaker, frame carpenter, or residential carpenter.

<table>
<thead>
<tr>
<th>Career Path</th>
<th>Education Path</th>
<th>Avg. Oklahoma Salary</th>
</tr>
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</table>
| Cabinetmaker                                     | Associate or bachelor's degree in construction management, business, or other related field | HOURLY: $10.46 - $22.78  
                  ANNUALLY: $21,800 - $47,400 |
| Residential Carpenter                            | Associate or bachelor's degree in construction management, business, or other related field |                                      |

AUTOMOTIVE SERVICE TECHNOLOGY

Auto service technicians who possess diagnostic and problem-solving skills and mechanical aptitude can take advantage of excellent employment opportunities. Train to become an Automotive Service Technician (NATEF Compliant), and prepare to earn the ASE Certifications. Learn the latest technologies to diagnose vehicle concerns regarding engines, automatic and manual transmissions, steering and suspension, brakes, electrical/electronic systems, heating and air conditioning, and engine performance systems.

<table>
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<th>Career Path</th>
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<th>Avg. Oklahoma Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automotive Service Technician (NATEF Compliant)</td>
<td>Associate or bachelor's degree in automotive technology, engineering, business, or other related field</td>
<td></td>
</tr>
</tbody>
</table>
| Automotive Service Technician                    | Associate or bachelor's degree in automotive technology, engineering, business, or other related field | HOURLY: $9.44 - $28.94  
                  ANNUALLY: $19,600 - $60,200  
                  with earning potential for experienced technicians of $25-30/hr |

CNC MACHINING

Machinists use lathes, milling machines, and machining centers to produce metal parts that meet precise specifications. Learn Computerized Numerical Control to become a CNC operator or machinist, and prepare for the NIMS Certified Machine Technician exam.

<table>
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<tr>
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</table>
| NIMS Certified Machine Technician                | Associate or bachelor's degree in mechanical or industrial engineering, or other related field | HOURLY: $12.17 - $25.14  
                  ANNUALLY: $25,300 - $54,400 |
| Machinist                                        | Associate or bachelor's degree in mechanical or industrial engineering, or other related field |                                      |
COMPUTER AIDED DESIGN & DRAFTING *
CADD drafters and technicians have formal training in drafting, and have experience using computer-aided drafting and design (CADD) software. Prepare to work as a drafting technician, engineer, architectural technician, or designer. Work toward an AutoDesk Associate certification, and earn professional certifications in AutoCAD, Inventor, and Revit.

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<tr>
<th>Career Path</th>
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<th>Avg. Oklahoma Salary</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAD Technician</td>
<td>Associate or bachelor’s degree in drafting, engineering, architecture, or other related field</td>
<td>Mechanical Drafter</td>
</tr>
<tr>
<td>Architectural</td>
<td></td>
<td>HOURLY: $16.06 - $37.77</td>
</tr>
<tr>
<td>CAD Technician</td>
<td></td>
<td>ANNUALLY: $33,400 - $78,600</td>
</tr>
<tr>
<td>Mechanical</td>
<td></td>
<td>HOURLY: $16.06 - $37.77</td>
</tr>
<tr>
<td>Architectural</td>
<td></td>
<td>ANNUALLY: $33,400 - $78,600</td>
</tr>
</tbody>
</table>

COSMETOLOGY
Cosmetologists offer services such as shampooing, cutting, coloring and styling hair. Many students also train as facial specialists, called estheticians (evening program only). Earn a state license and work as a cosmetologist or as an esthetician. Students get to work on clients in MNTC’s salon. Daytime and evening classes are available for adults.

<table>
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<tr>
<th>Career Path</th>
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<th>Avg. Oklahoma Salary</th>
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</thead>
<tbody>
<tr>
<td>Cosmetologist (High School)</td>
<td>Associate or bachelor’s degree in business or other related field</td>
<td>Cosmetologist (excludes gratuity)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HOURLY: $7.79 - $15.18</td>
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<tr>
<td></td>
<td></td>
<td>ANNUALLY: $16,200 - $31,600</td>
</tr>
</tbody>
</table>

ELECTRICAL APPRENTICE
Electrical apprentices and journeymen work for licensed electrical contractors. Students design, build, and troubleshoot motor control systems. They interface and utilize programmable logic controllers (PLCs), and learn residential, commercial, and industrial construction wiring methods. Successful completion of the curriculum prepares students for state electrical examinations. Automation technicians study for basic-to-advanced knowledge in PLCs, electrical wiring, electronics, robotics, hydraulic pneumatic, power transmission, and motor controls.

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</thead>
<tbody>
<tr>
<td>Automated Systems Technician</td>
<td>Associate or bachelor’s degree in electronics, engineering, or other related field</td>
<td>Electricians</td>
</tr>
<tr>
<td>Electrical Apprentice</td>
<td></td>
<td>HOURLY: $15.93 - $29.04</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ANNUALLY: $33,100 - $60,400</td>
</tr>
</tbody>
</table>

HEATING, VENTILATION, AIR CONDITIONING & REFRIGERATION (HVAC/R)
Heat and air technicians who have training from an accredited technical school have excellent job prospects. Learn control systems, installations, maintenance, and repair. Train to become an HVAC/R Technician, obtain EPA 608 certification, I.C.E. certification and OSHA 10 General Safety and work anywhere in the U.S.

<table>
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<tbody>
<tr>
<td>HVAC/R Technician</td>
<td>Associate or bachelor’s degree in engineering or construction management-related field</td>
<td>HVAC Mechanic or Installer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HOURLY: $12.57 - $29.05</td>
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<tr>
<td></td>
<td></td>
<td>ANNUALLY: $26,100 - $60,400</td>
</tr>
</tbody>
</table>

SERVICE CAREERS MAINTENANCE
This program trains students in the fields of building maintenance and grounds keeping. Gain skills with hands-on learning on a wide range of live work projects, and work with indoor and outdoor power tools and machines. Students may focus their training to become a building maintenance assistant or technician, or a grounds keeper or grounds keeper assistant.

<table>
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<tbody>
<tr>
<td>Building Maintenance Assistant, Building Maintenance Technician &amp; Grounds Keeper, Building Maintenance Technician &amp; Grounds Keeper, Assistant Grounds Keeper</td>
<td>Associate or bachelor’s degree in construction, land management, or other related field</td>
<td>Employee in this field</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HOURLY: $7.83 - $14.30</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ANNUALLY: $16,300 - $29,700</td>
</tr>
</tbody>
</table>

WELDING
Welders can advance to jobs like welding technician, supervisor, inspector, or instructor. Some experienced welders open their own shops. Train in all phases of welding and study properties of metals and principles of fusion. Learn techniques for gas and arc welding, pipe welding and cutting, blueprint reading, and plasma arc cutting.

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</tr>
</thead>
<tbody>
<tr>
<td>Combination Welder, Structural &amp; Pipe Welder</td>
<td>Associate or bachelor’s degree in manufacturing or other related field</td>
<td>Welder, Cutter, or Welder Fitter</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HOURLY: $11.88 - $27.31</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ANNUALLY: $24,700 - $56,800</td>
</tr>
</tbody>
</table>
COSMETOLOGY, MASTER INSTRUCTOR OR PRACTICING MASTER INSTRUCTOR

Prepare to become an instructor of cosmetology in accordance with Oklahoma State Board of Cosmetology mandates. Students work with an instructor and are guided to design, develop, assist, and teach cosmetology courses to future students.

* Must have a current Oklahoma State Cosmetology License and have evidence of working in the cosmetology field in the two preceding years.

<table>
<thead>
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</table>
| Master Instructor of Cosmetology | Vocational Education Teachers, Postsecondary  
HOURLY: $15.39 - $30.10  
ANNUALLY: $32,000 - $79,200 |

ESTHETICIAN

This program prepares students to become professional skin care consultants as mandated by the Oklahoma State Board of Cosmetology. Students learn techniques proven to provide skin and beauty care for clients, thereby, improving their appearance. Students also learn to cleanse and beautify skin with facials, as well as hair wax removal.

<table>
<thead>
<tr>
<th>Career Path</th>
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</thead>
</table>
| Makeup Artist | Skin Care Specialists (excludes gratuity)  
HOURLY: $7.80 - $18.73  
ANNUALLY: $16,200 - $39,000 |

DENTAL ASSISTING

Dental Assistants perform a variety of patient, office, and laboratory duties. During procedures they hand dentists instruments and assist with routine procedures. Learn to prepare instruments and materials, update health and dental records, instruct patients on post-operative and general oral healthcare, take impressions, and remove excess cement and sutures. Prepare for certifications in Radiation, Nitrous Oxide, Sealants, Coronal Polish, and also prepare for the Certified Dental Assistant (CDA) examination.

<table>
<thead>
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<th>Career Path</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Dental Assistant</td>
<td></td>
</tr>
</tbody>
</table>
HOURLY: $9.88 - $21.35  
ANNUALLY: $20,600 - $44,400 |

PRACTICAL NURSING

Practical nurses care for patients with compassion and skill in a variety of healthcare settings including hospitals, clinics, doctors’ offices, home health, and long-term care facilities. Job descriptions can vary depending on each state’s Nurse Practice Act (regulations). Students train in standard techniques to provide basic nursing care, perform focused assessments and administer care to patients under the direct supervision of physicians or registered nurses. Conduct clinical rotations at local medical facilities and offices, and prepare to sit for the National Council Licensure Examination for Practical Nurses (NCLEX-PN) through the Oklahoma Board of Nursing.

<table>
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<th>Career Path</th>
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</table>
| Practical Nurse | Licensed Practical and Licensed Vocational Nurses  
HOURLY: $13.73 - $23.25  
ANNUALLY: $28,600 - $48,400 |

DIAGNOSTIC MEDICAL SONOGRAPHY

Sonographers use equipment that directs high frequency sound waves into a patient’s body. These waves reflect echoes and form an image that may be videotaped, transmitted, or photographed for diagnosis by a physician. During patient scans, technicians look for subtle clues that contrast healthy against unhealthy areas by taking measurements, calculating values, and analyzing the results into a preliminary finding report. The MNTC DMS program is a general learning concentration. Certification exams for the American Registry of Diagnostic Medical Sonography (ARDMS) to include: Sonography Principles and Instrumentation (SPI), Abdomen (AB), and Obstetrics and Gynecology (OB/GYN).

<table>
<thead>
<tr>
<th>Career Path</th>
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</tr>
</thead>
</table>
| Diagnostic Medical Sonographer | Diagnostic Medical Sonographers  
HOURLY: $24.33 - $41.91  
ANNUALLY: $50,600 - $87,200 |

SURGICAL TECHNOLOGY

Surgical Technologists function as a member of the surgical team in the scrub role. They handle the instruments, supplies and equipment necessary for all surgical procedures. They will have an understanding of each of the procedures being performed in order to anticipate the needs of the surgeon. Training includes development of knowledge, personal behavior, and skill sets to become highly detailed and to work under great pressure. Conduct clinical rotations at local medical and surgery centers. Prepare to sit for a national certification for surgical technology.

<table>
<thead>
<tr>
<th>Career Path</th>
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</tr>
</thead>
</table>
| Surgical Technologists | Surgical Technologists  
HOURLY: $12.25 - $24.77  
ANNUALLY: $25,700 - $51,200 |
All career programs are taught at the Franklin Road Campus.
Franklin Road Campus: 4701 12th Ave NW  |  Norman, OK 73069
mntc.edu

There will be no discrimination in the technology center because of race, color, sex, pregnancy, gender, gender expression or identity, national origin, religion, disability, veteran status, sexual orientation, age, or genetic information in its programs, services, activities and employment. The district also provides equal access to the Boy Scouts of America and other designated youth groups. The following people have been designated to handle inquiries regarding the technology center’s nondiscrimination policies: MNTC’s Human Resources Director (for employees) and the Student Services Director (for students). Inquiries concerning the application of this policy may be made by calling (405) 801-5000 or by visiting the Franklin Road campus at 4701 12th Avenue NW, Norman, Oklahoma 73069.

READY TO APPLY?

1. Apply online by scanning the QR code to the right, or visit mntc.edu/apply.

2. An MNTC High School Career Advisors will contact you for an interview to discuss your career interests, academic performance, and class schedule.

3. For more information:
   - Visit mntc.edu/futurenow
   - Call 405.801.5000