

NEW LEXINGTON
HIGH SCHOOL



COURSE OFFERINGS BOOK
2015 - 2016



New Lexington High School
2547 Panther Drive NE
New Lexington, OH 43764
Phone: 740-342-3528 – Fax: 740-342-4765
<http://www.nlpanthers.org>



James Young
Principal

Rich Warren
Assistant Principal

Dear Panther Parent and Student,

Welcome to your course offerings book! This booklet will help guide your journey through the academic path you will pursue at New Lexington High School. I would like to thank you for taking part in one of the most important exercises of your child's high school career, that of course selection for the upcoming year.

Selecting the proper courses in high school is the first step in preparing for the future, whether that future is college, technical school, the armed services, or direct entry into the world of work.

Course selection also has important implications for the operation of NLHS, as the courses selected by the students at this time will determine what classes are offered, faculty needs, and numbers of class sections for the next school year.

Such an important decision is best made by parents and students working together to select the proper courses. We ask that you review this document with your son or daughter and together choose the courses that are best suited for his/her future plans.

If you have any questions about the registration process, please feel free to contact the guidance office.

Sincerely,

James A. Young
Principal

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Section 1: The Scheduling Process

A. Scheduling Process/Procedures

1. Read all the information in this handbook completely.
2. Read the course descriptions, which tell you about each course offered.
3. Each student will complete a course request form with the assistance of a faculty member. **Reminder** – There are nine periods in a day and you must register for a minimum of seven courses. (If you elect to take a Study Hall, you can only sign up for one per semester.) Students must have teachers “sign off” on their requests in order to ensure appropriate placement. In addition, parents are required to sign the registration form indicating their approval for the courses that have been selected.
4. After this is done, students will receive a copy of the master schedule and will create four possible schedules. On Scheduling Day, each student will participate in the scheduling activities to build his or her own schedule. Students will leave the scheduling area with their schedule for the upcoming school year.
5. **It is important to note that schedules may change due to student enrollment and credits earned. Therefore, students will receive a copy of their schedule in August, which may be different than the schedule they create in the spring.**
6. Students should realize that not all courses described in this booklet may be taught during the upcoming school year. The specific non-required courses that will be available will be determined by student requests and staff availability. Every effort will be made to meet the needs of the greatest number of students. Adjustments to the final course offerings are often needed once final grades for the previous year have been determined. If this becomes necessary, students will be contacted and their options outlined. Students may be asked to select alternative electives in order to ensure a complete schedule.

B. Scheduling Timeline

| | Time-Line | How Determined | Responsibility |
|---|----------------|---|---|
| ① Gather Data | January | Courses selected by each student. | Student, Parent & Teacher |
| Verification of Student Requests (accuracy check) | January | Each student will have teachers verify course request. | Student, Teacher & Parent |
| ② Create Sections | February | Numbers of student requests totaled and sections created. | Administration & Counselors |
| Create Master Schedule | February-March | Number of sections created for each course based on teacher availability. | Administration, Counselors & Staff |
| Create Schedule | March | Student schedules built based on course request and master schedule. | Students, Parents, Administration, Counselors & Staff |
| ③ Schedule Conflicts Corrected | April → August | Master schedule reviewed, classes balanced, conflicts resolved. | Administration & Counselors |






- ① This step determines how many requests there are for each course.
- ② This step takes the number of requests for each course and converts those numbers into the number of sections of each course that will be taught. Some students may have to use alternate course selections at this stage because courses with too few student requests will not be offered.
- ③ Courses may be in conflict with one another and sections may need to be balanced. Alternate courses may have to be used at this time.

C. Selecting Courses to Achieve Your Goals

High school is the educational “road map” to your future. Select courses that take you to your destination. Think about where you want to be after high school – work, military, college, etc.

Set goals and use this guide as a learning tool. Please read this course description book!

Consider the following when selecting courses:

-  Interest – What you like
-  Ability – What you can do
-  Realism – Do your current grades/effort support your choice
-  Teachers – Consider recommendations and the guidance from your teachers
-  Graduation – Do you have what you need to graduate

D. Schedule Changes

Schedules are the result of careful planning on the part of the student, parent, and counselor, and required courses cannot be changed. Elective courses are chosen by the student and approved by the parents. Staffing is often dictated by your decisions and resources are purchased based on those decisions. Please carefully consider your course decisions before making choices. **Consult with the teacher who will be instructing the course or students who have taken the course before deciding a class is right for you.**

Changes will **only** be made if a student's situation meets one of the following:

1. Student did not meet prerequisites for the course or has been inappropriately placed.
2. Student wishes to upgrade the schedule with the addition of a course to replace a study hall or to add a more challenging course.
3. Senior student needs to add a class in order to meet graduation requirements.
4. Sophomore student needs to add a class in order to meet Tri-County entrance requirements.
5. Special considerations and exceptions may be made in the case of extended illness, transfer students, and other unforeseen circumstances.
6. A student may withdraw from any course at any time if the student is suffering emotional trauma related to that particular course, provided the following conditions are both met:
 - 1) Parent or guardian presents a letter from a State licensed certified psychologist or psychiatrist; and
 - 2) The principal approves the change following a conference with the parent. In this case, "W/F" (withdraw/fail) will be entered on the transcript for that particular course.
7. Principal approval after discussion with student, parents, and staff.

*All schedule change requests must be submitted using the schedule change form and must be submitted within the first four weeks of the first semester for a year-long course or within the first two weeks of a semester course. **There will be no exceptions unless they meet the qualifications listed above.**

Section 2: Curriculum Opportunities

A. Graduation Requirements

Twenty-one (21) credits are needed to graduate.

In accordance with the State Minimum Standards and the requirements of the New Lexington Board of Education, the following are required of all graduates:

In addition to the requirements listed below, each student should select a career path. NLHS career paths can be found later in this document. In order to receive a high school diploma and participate in graduation, a student must pass all parts of the Ohio Graduation Test or (beginning with the class of 2018) earn a minimum of 18 graduation points from Ohio's Next Generation of Assessments in Math, English, Science, and Social Studies.

| NEW LEXINGTON HIGH SCHOOL Graduation Requirements | |
|--|--------------------------|
| SUBJECT AREA | CREDITS REQUIRED |
| English | 4.00 credits |
| Math | 4.00 credits |
| Social Studies | 4.00 credits |
| Science | 3.00 credits |
| Health | .5 credits |
| Physical Education | .5 credits (2 semesters) |
| Fine Arts/Bus. Tech/Modern Language | 1.00 credit |
| Elective* | 4.00 credits |
| TOTAL | 21.00 Credits |

Credit Policy:

Credit for yearlong classes will be issued only when both semesters are completed. For example, a student withdrawing from a yearlong class after the first semester will not receive credit for that course. All year long courses will be credited by the year, not semester. No half credit will be given to those who pass or complete only one semester.

*Information Technology is a required elective for students in the Class of 2018 and earlier.

B. Post High School Plan

The most important question to be answered is “Where do I plan to be after high school?” Will I be working, in a two-year college, in a four-year college, in a technical school, or in the military? Use this chart and the graduation or 4-year college “core” requirement chart on the following page to guide you in your course selection.

| PLAN | EXPLANATION | H.S. CURRICULUM | OTHER |
|---------------------------------|--|---|---|
| <u>Work</u> | Find/continue a job after graduation. | Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational or business/technology curriculum. | TCCC |
| <u>Apprenticeship</u> | On the job training - must apply for an apprenticeship position (i.e., carpentry, masonry, etc. (Earn & Learn) | Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational or business/technology curriculum. | TCCC |
| <u>Military</u> | Learn a skill while serving your country in any branch of the service. | Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational or business/technology curriculum. | ASVAB TCCC |
| <u>Technical School</u> | Ranges in length (depending on school/program) usually less than 2 years. | Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational or business/technology curriculum. | TCCC |
| <u>Two Year College</u> | Usually takes 2 years to complete after which you earn an Associate’s degree. | Completion of graduation requirements/H.S. diploma. Follow pre-vocational, vocational or business/technology curriculum. Follow college preparatory curriculum. | ACT or SAT - Required for some programs TCCC |
| <u>Four Year College</u> | Usually takes 4-5 years to complete after which you earn a Bachelor’s degree in a specific career area. | Completion of graduation requirements/H.S. diploma. Follow 4-year college prep “Core” curriculum. | ACT or SAT |

C. NLHS Career Paths

In order that students develop a plan and purpose for their high school education, each student is required to identify a Career Path. Listed below are the areas the student should consider. The specific curriculum for each area is on the next page.

COLLEGE PREPARATORY

A college prep curriculum is recommended for those students who plan to attend a two or four year college upon graduation from New Lexington High School. It should be academically challenging, both to prepare the student for advanced coursework in college and to help the student to develop effective study habits. In order to be accepted to any institution in any quarter, students should follow the recommendations fully. College prep students need to earn a minimum of one (1) credit in visual or performing arts. Check with the counselor for the exact courses that meet this requirement.

BUSINESS/ TECHNOLOGY

A tech prep curriculum is recommended for students who intend to enroll in a two or four-year program of higher education, or who intend to acquire skills necessary to enter the work force directly upon graduation from high school. Tech prep is a bridge between academic theory and practical application. Some associate degree programs will grant credit for high school courses in which a student has maintained a 3.0 G.P.A.

VOCATIONAL

A vocational curriculum is recommended for those students who intend to acquire skills in high school that will enable them to enter the work force directly upon high school graduation. Students may choose a vocational major from several programs offered at Tri-County Career Center or New Lexington High School.

CAREER PATHS - CURRICULUM GUIDELINES

Twenty-one (21) credits are required for graduation, but this is only a minimum. Students are encouraged to go beyond this number when possible. Students should attempt to balance their schedules over the four-year period in order to allow themselves to perform at their maximum levels:

COLLEGE PREPARATORY

| | |
|------------------------|----------------------|
| English CP | 4 credits |
| Science (2 lab) CP | 3 credits |
| Social Studies CP | 4 credits |
| Modern Language | 3-4 credits* |
| Mathematics CP | 4 credits |
| Health & Phys. Ed. | 1 credit |
| Fine Arts | 1 credit |
| Information Technology | .5 credit |
| Electives | .5 credit |
| | 21-22 credits |

VOCATIONAL AT NLHS

| | |
|------------------------------|----------------------|
| English | 4 credits |
| Science | 3 credits |
| Social Studies | 4 credits |
| Mathematics | 4 credits |
| Health & Phys. Ed. | 1 credit |
| Fine Arts/Humanities/Bus Tec | 1 credit |
| Information Technology | .5 credit |
| Vocational | 4 credits |
| Elective | 1 credit |
| | 21-22 credits |

BUSINESS/ TECHNOLOGY

| | |
|---|-------------------|
| English | 4 credits |
| Science | 3 credits |
| Social Studies | 4 credits |
| Mathematics | 4 credits |
| Health & Phys. Ed. | 1 credit |
| Humanities | 1 credit |
| Information Technology | 0.5 credit |
| Electives | 1 credit |
| Tech Prep | <u>3 credits</u> |
| (at least 3 credits in one specific area) | 21 credits |

PRE-VOCATIONAL TRI-COUNTY (9-10)

| | |
|------------------------|-------------------|
| English | 2 credits |
| Science | 2 credits |
| Social Studies | 3 credits |
| Mathematics | 2 credits |
| Health & Phys. Ed. | 1 credit |
| Information Technology | 0.5 credit |
| Electives | <u>0.5 credit</u> |
| | 11 credits |

*Student attending TCCC must take Personal Finance/Economics as sophomores or through A+ before graduation.

- Students should review Honors Diploma information concerning modern languages.
- Students should review Honors Diploma, Top Ten, and Valedictorian/Salutatorian information when selecting courses.
- Competitive universities suggest that students have 3 credits of a modern language. Neither the State of Ohio nor New Lexington City Schools have a modern language requirement for graduation.

D. Long Term Planning

Below you will find tables that will help you with 4-year course planning.

This is a typical 4-year schedule to fulfill graduation requirements and prepare for: **work, apprenticeship, military, and technical or 2-year college.**

| 9 th Grade | | 10 th Grade | |
|-------------------------|--------------|------------------------|--------------|
| English | 1.00 credit | English | 1.00 credit |
| Math | 1.00 credit | Math | 1.00 credit |
| Science | 1.00 credit | Science | 1.00 credit |
| Social Studies CP | 1.00 credit | Social Studies CP | 1.00 credit |
| Health* | 0.50 credit | P.E.* | 0.25 credit |
| Information Technology* | 0.50 credit | Electives | 3.50 credits |
| P.E.* | 0.25 credit | | |
| Electives | 2.50 credit | | |
| 11 th Grade | | 12 th Grade | |
| English | 1.00 credit | English | 1.00 credit |
| Math | 1.00 credit | Pers. Finance | 0.50 credit |
| Science | 1.00 credit | Math | 1.00 credit |
| Social Studies | 1.00 credit | S.S. Elective | 0.50 credit |
| Electives | 4.00 credits | Electives | 5.00 credits |

- Electives must include (at sometime in the 4 years) 1 Full credit or two 1/2 credits from one or more of the following areas: Technology, Fine Arts, Modern Language, WECEP and CBI.
- Health and physical education (P.E.) are required for graduation. It is recommended that you take these during your 9th & 10th grade year, however you are not required to do so. Information Technology is recommended for all students.
- Please refer to content area flow charts for specific course selection.

This is a typical 4 - year schedule following a **College Prep Curriculum:**

| 9 th Grade | | 10 th Grade | | 11 th Grade | | 12 th Grade | |
|-----------------------|-------------|------------------------|--------------|------------------------|--------------|------------------------|-------------|
| English CP | 1.00 credit | English CP | 1.00 credit | English CP | 1.00 credit | English CP | 1.00 credit |
| Math CP | 1.00 credit | Math CP | 1.00 credit | Math CP | 1.00 credit | Math CP | 1.00 credit |
| Science CP | 1.00 credit | Science CP | 1.00 credit | Science CP | 1.00 credit | Science CP | 1.00 credit |
| Social Studies CP | 1.00 credit | Social Studies CP | 1.00 credit | Social Studies CP | 1.00 credit | Personal Finance | .50 credit |
| Health* | .50 credit | PE* | .25 credit | Electives | 1.00 credits | S.S. Elective | .50 credit |
| PE* | .25 credit | Electives | 1.50 credits | | | Electives | 1.00 credit |
| Electives | .50 credit | | | | | ② V/P Arts | 1.00 credit |
| Info. Technology* | .50 credit | ① Modern Lang. | 1.00 credit | ① Modern Lang. | 1.00 credit | | . |

① 2-year minimum requirement can be started in any year. 3 years of the same language is better, but not required.

② Visual/Performing Arts can be taken in any year.

*Health and physical education (P.E.) are required for graduation. It is recommended that you take these during your 9th & 10th grade year, however you are not required to do so. Information Technology is recommended for all students.

Please refer to content area flow charts for specific course selection.

E. Grade Assignment

Students will be assigned to their appropriate grade at the beginning of each school year based on the following:

| | | |
|-------------------|-------------------------------------|----------------|
| To be assigned to | Grade 10 a student must have earned | 5 1/2 credits |
| | Grade 11 a student must have earned | 11 credits |
| | Grade 12 a student must have earned | 16 1/2 credits |

Grade assignments will be made at the beginning of each school year and will be based on the credits earned at that time. Assignments will be changed at semester for those students earning enough credits.

F. Tri County Career Center

Students have the option of attending Tri-County Career Center (TCCC) throughout the junior and senior years. Students remain NLHS students but are simply attending Tri-County Career Center.

At Tri-County, students are involved in intensive training in a selected program. Upon graduation, students enter the skilled workforce, continue their education if desired, or enlist in the military. All junior and senior academic courses that are required for graduation from NLHS are offered at TCCC. The diploma the student receives comes from NLHS. To be accepted to TCCC, students must have a total of 9.5 credits at the end of their sophomore year. These credits should include 2 English, 2 Math, 2 Science, 2 Social Studies, .5 Physical Education, .5 Information Technology and .5 Health. In addition, students must take Social Studies IV their sophomore year or through A+ before graduation. Students lacking academic credit will have to make up work to complete the requirements which might involve summer school, after school, on-line course work, correspondence, etc.

College Tech Prep (CTP) is a program that offers three areas of study. Upon successful completion of a CTP program, students earn a full tuition scholarship to Hocking College. To be accepted to a CTP program, students must have a total of 11 credits at the end of the sophomore year. One of these credits must be in Algebra I with the ability to continue on into Algebra II.

TCCC Programs of Study

Auto Body Technology
Auto Service Technology
Building and Property Trades
Construction Trades
Cosmetology
Criminal Justice/Law Enforcement
Culinary Arts
Diesel/Ag Technology
Early Childhood Education
Electrical Trades
Nursing Technology
Hospitality Services
Fashion Marketing
Office Professional
Power Line Technology
Sports Medicine

College Tech Prep

Architectural Design **
Computer Tech Academy **
Nursing Technology **

**Can also enroll with a NON CTP status

G. Post-Secondary Option

The Post-Secondary Enrollment Option Program was created to provide high school students who are intellectually and socially capable of doing college work with an additional educational option. It is intended to complement, not replace, the high school preparatory curriculum. Interested students and their parents must participate in a mandatory information meeting with representatives from various colleges and universities, along with a counseling session during second semester of the school year preceding application into the program. Students may receive college and high school credit simultaneously; grades earned will count toward high school GPA and class rank. Students may attend New Lexington High School part of the day and take college classes the remaining time. Transportation is the responsibility of the student, who is also responsible for checking in with the counselor each month. New Lexington requirements for high school graduation must be met by the end of winter quarter.

H. Eligibility for All Extracurricular Activities

All students who participate in interscholastic athletics at any time must not be in violation of criminal law and/or delinquent activity. All violations are cumulative while a student is enrolled at New Lexington Middle School or New Lexington High School. If the violation occurs during the 8th grade year and the consequence is not fulfilled, it will be completed in the student's freshman year. Once a student enters the 9th grade he or she will start with the first violation of all infractions.

For all other groups, the specific rules of eligibility are determined by the advisor and the principal. In general, the same rules are to apply to all groups and organizations. Advisors and coaches may establish additional rules. These are to be distributed to the participants prior to of the implementation of the rule(s).

The eligibility of students to participate in all extracurricular activities is set for all organizations. The major rules are:

1. To be eligible for participation in interscholastic contests a student shall be enrolled in a school by the first calendar day of the grading period (quarter, trimester, semester). Enrollment shall be continuous after a student has officially enrolled in a school until the student is officially withdrawn.
2. After a student completes the eighth grade, the student shall be eligible for a period, not to exceed eight semesters taken in order of attendance, whether the student participates or not.
3. A student shall become eligible for high school athletics when the student celebrates his or her fifteenth birthday before August 1, or when the student attains ninth grade standing.
4. In order to be eligible in grades 9-12, a student must be currently enrolled and must have been enrolled in school the immediately preceding grading period. During the preceding grading period, the student must have received passing grades in a minimum of five one-credit courses or the equivalent, which count toward graduation and have had a 1.0 GPA or better during that period.
5. A student enrolled in the first grading period after advancement from the eighth grade must have passed 75% of those subjects carried the preceding grading period in which the student was enrolled.
6. Summer school grades earned may not be used to substitute for failing grades from the last grading period of the regular school year.
7. A student must be in attendance the last one-half day of school to participate that evening and one-half day on Friday to participate in a Saturday event.

I. Online Credit Recovery

At the end of the school year, grades will be reviewed and students that did not pass English, Math, Science, Social Studies or Health courses will be scheduled for a lab period (based on availability). This period will be used for students to complete our on-line curriculum in the class they did not pass. Students are required to work on the classes they have been assigned during the scheduled period. Students are not permitted to use this time as a study hall. This lab time for credit recovery is a great option for students that need to redeem credit. It allows them the opportunity to learn the content through an alternative means. This curriculum aligns with Ohio's content standards and is interactive and engaging. Students that are taking a class through the on-line learning lab are expected to take full advantage of this opportunity. Failure to complete required online courses may result in the student being placed in the course in which they received a failing grade.

J. Credit Flexibility Option

Credit Flexibility awards credit based on competence. Research confirms that varying time and instructional methodology, while maintaining quality, can cultivate the kind of self-directed learning that is essential for success in postsecondary education and careers – and throughout life. The NLHS credit flexibility plan is designed to focus on supporting and accelerating student learning and reflects the need for students' readiness for careers and college without remediation. To learn more about eligibility requirements and credit flexibility options, please contact the guidance department.

Section 3: State of Ohio Requirements

A. New High School Graduation Requirements (Beginning with the Class of 2018)

House Bill 487 updated Ohio's graduation requirements to ensure that all students are ready for success in college and work. As a result, the Class of 2017 (11th graders in the 2015-16 school year) are the last students to take the current Ohio Graduation Tests. The new requirements take effect with the class of 2018 (10th graders in Fall 2015). Additionally, every student will have the opportunity to take a nationally-recognized college admission exam free of charge in the 11th grade. The honors diploma remains another option for students.

The credit requirements for graduation remain unchanged from previous years. However, beginning with the class of 2018, students will be required to earn graduation points through taking end-of-course exams in the following subject areas:

- English I and English II
- Algebra I and Geometry (or Integrated Math I and II)
- Physical Science
- American History and American Government

Student can earn a score of 1 (limited) to 5 (accelerated) on each of these exams. In order to meet graduation requirements, students must earn a total of 18 combined graduation points on the seven exams. Additionally, students must earn at least four combined points on the English exams, four combined points on the mathematics exams, and six combined points on the science and social studies exams.

Students who take physical science, American history, or American government as part of Advanced Placement or college dual credit programs can use their scores from the programs' end-of-course exams in place of the state end-of-course exam scores to accumulate graduation points.

A student who earned high school credit in any of the above courses before July 1, 2014 will automatically receive a score of three points per course exam toward the total points needed for graduation. Middle school students this year who take one of these courses for high school credit must take the corresponding state end-of-course exam in this school year.

B. Alternative provisions for graduation

The provision in state law originally enacted as part of Senate Bill 55 in 2001 is still effective. Since this provision includes a student's high school attendance rate, it is important to share this information with your freshmen students. According to Ohio Revised Code Section 3313.615 (A), students may graduate and receive a diploma without passing all five tests of the OGT if they meet the following requirements:

- Pass four of the five tests and have missed passing the fifth test by no more than 10 points.
- Have had a 97% attendance rate through all four years of high school and must not have had an expulsion in high school.
- Have a grade point average of 2.5 out of 4.0 in the subject area missed and have completed the curriculum requirement in the subject area missed.
- Have participated in any intervention programs offered by the school and must have had a 97% attendance rate in any program offered outside the normal school day.
- Obtain letters of recommendation from each teacher in the subject area not yet passed as well as the high school principal.

E. Ohio Core Curriculum Requirements

Starting July 1, 2010, students who enter ninth grade will need to complete 21 units to graduate from high school including:

| | |
|-------------|---|
| 4.0 credits | English Language Arts |
| 0.5 credits | Health |
| 4.0 credits | Mathematics (including one unit of Algebra II or its equivalent) |
| 0.5 credit | Physical Education |
| 3.0 credits | Science (including inquiry-based laboratory experience in the subject areas listed below) Physical Science – 1 credit Life Sciences – 1 credit Advanced Science – 1 credit (Chemistry, physics, or other physical science), (Advanced biology or other life science) or (Astronomy, physical geology, or other earth or space science) |
| 3.0 credits | Social Studies (including the subject areas listed below) American History - 0.5 credit American Government - 0.5 credit Economics and Financial Literacy (0.5 credit) |
| 5.0 credits | Any combination of modern language, fines arts, business, career-technical education, family and consumer sciences, technology and agriculture |

Section 4: NLHS Academic Honors

A. National Honor Society

1. Selection date - November-December of each year.
2. Grade point average 3.3 as a minimum for candidacy.
3. Students must have passed all parts of the Ohio Graduation Test.
4. Students will be requested to complete a N.H.S. membership information packet that is to be returned by a specified date.
5. A faculty committee (at least five teachers as determined by the principal) will review the information packet. The committee and staff will be responsible for the selection.
6. Service and leadership are also selection criterion for NHS. Students are evaluated on their participation in co-curricular activities, leadership positions, community activities, recognition and awards they have earned, and work experience. Students are also required to have 3 teacher evaluations for the application packet.

Courses necessary for NHS consideration (must have completed prior to eligibility): 2 CP English courses, 2 modern language courses, 2 CP science courses, and 2 CP math courses (one must be geometry). Courses are subject to change by vote of faculty.

B. Top Ten and Valedictorian/Salutatorian

In order to be considered for Top Ten recognition, a student must meet the qualifications outlined under valedictorian and salutatorian. A class valedictorian and salutatorian will be chosen, and rewarded for their academic excellence. Selection will occur after the 3rd quarter of the senior year. The following guidelines will be used to determine the valedictorian and salutatorian of the graduating class:

Definitions:

- A. Valedictorian: The graduating senior having the highest grade point average, based upon a 4.0 grading scale.
- B. Salutatorian: The graduating senior having the second highest grade point average, based upon a 4.0 grading scale. (In case of equal GPA's, co-valedictorians and/or co-salutatorians will be named.
- C. Senior: A member of the class of 2009 must have obtained a minimum of sixteen and one-half (16 1/2) credits prior to the beginning of the senior school year.

Qualifications:

- A. To be considered as valedictorian/salutatorian, a student must be enrolled as a student at New Lexington High School by the first school day of his/her senior year.
- B. A student must take at least thirteen (13) credits from the following course list; ten (10) credits **must** be selected in this manner:

Two (2) credits - College Prep English
Two (2) credits - Same Modern Language
Two (2) credits - College Prep Social Studies
Two (2) credits – College Prep Math
Two (2) credits – College Prep Science

Courses with credits necessary for Valedictorian/Salutatorian consideration (thirteen (13) minimum credits):

| | | | | | |
|----------------------|---|-----------------------|-----|-------------------------|-----|
| CP/Honors English I | 1 | AP Biology | 1 | Geometry CP | 1 |
| CP/Honors English II | 1 | Information Tech | 1/2 | Pre-Calculus | 1 |
| CP English Electives | 2 | Intro. to Eng. & Des | 1 | AP Calculus | 1 |
| Spanish/ASL I | 1 | Civil Eng. & Arc | 1 | Performing Art | 1 |
| Spanish/ASL II | 1 | Engineering Design | 1 | AP English Language | 1 |
| Spanish III | 1 | Digital Electronics | 1 | AP English Literature | 1 |
| Spanish IV | 1 | Social Studies I CP | 1 | AP Psychology | 1 |
| Physical Science CP | 1 | Social Studies II CP | 1 | AP US History | 1 |
| Biology CP | 1 | Social Studies III CP | 1 | Personal Finance | 1/2 |
| Chemistry | 1 | AP US Government | 1 | Semester History course | 1/2 |
| Physics | 1 | Algebra I CP/Honors | 1 | | |
| Anatomy & Physiology | 1 | Algebra II CP | 1 | | |

Course ID Numbers

English Language Arts

| | | |
|------------------------|---------------------------------|----------------------|
| 1003 English I | 1533 AP English Language (DE) | 1503 WS English I |
| 1013 English I CP | 1583 AP English Literature (DE) | 1513 WS English II |
| 1343 English I Honors | 1373 English – Dual Enrollment | 1523 WS English III |
| 1023 English II | *** Early College HS | 1593 WS English 12 |
| 1033 English II CP | 1083 English Intervention | 1703 SG English I |
| 1363 English II Honors | 1293 Reading Intervention | 1713 SG English II |
| 1043 English III | | 1723 SG English III |
| 1053 English III CP | | 1733 SG English 12 |
| 1134 English IV | | 1603 ASG English I |
| 1144 English 12 CP | | 1613 ASG English II |
| | | 1623 ASG English III |
| | | 1633 ASG English 12 |

Modern Languages

| | | |
|------------------|--------------|-----------------------|
| 9043 Spanish I | 9303 ASL I | 9343 Mandarin Chinese |
| 9053 Spanish II | 9313 ASL II | 9323 French I |
| 9063 Spanish III | 9323 ASL III | |
| 9073 Spanish IV | | |

Humanities/Visual and Performing Arts

| | | |
|----------------------|-------------------------------|--------------|
| 5143 Music Theory | 5003 Art I | 1323 Comm I |
| 5153 Jazz Band | 5013 Art II | 1333 Comm II |
| 5113 Band | 5033 Ceramics I | |
| 5133 Lab Band | ???? Ceramics II | |
| 5103 Concert Choir | ???? Art Independent Study | |
| 5093 Chamber Singers | ???? Advanced Art Design (DE) | |

Mathematics

| | | |
|---------------------------|---------------------------|-------------------------------|
| 2003 Applied Algebra I | 2005 Applied Algebra II B | 2505 SG App. Algebra II B |
| 2013 Algebra I CP | 2034 Pre-Calculus | 2603 ASG App. Algebra I |
| ???? Algebra I Honors | 2043 Trigonometry/Conics | 2613 ASG App. Geometry |
| 2083 Applied Geometry | 2053 AP Calculus | 2604 ASG Transition to Alg II |
| 2023 Geometry CP | 2503 SG Applied Algebra I | 2634 ASG App. Algebra II B |
| 2004 Transition to Alg II | 2513 SG App. Geometry | |
| 2074 Algebra II CP | 2504 SG Transition/Alg II | |

Physical Education

| | | |
|-------------------------|----------------------|------------------|
| 6013 Physical Education | 6003 Health | 6053 WS Health |
| 6023 Advanced PE | 6043 Medical Careers | 6503 Adaptive PE |

Science

| | | |
|--------------------------|---------------------------|-----------------------------------|
| 3113 Physical Science | 3053 Chemistry | 3633 ASG Physical Science |
| 3123 Physical Science CP | 3073 Physics | 3643 ASG Biology |
| 3133 Biology | 3163 AP Biology | 3652 ASG Environmental Science |
| 3033 Biology CP | 3203 Anatomy & Physiology | |
| 3153 Honors Biology | 3143 Science Intervention | |

Social Studies

| | | |
|--|-----------------------------------|------------------------------------|
| 4013 Soc. Studies I CP | 4103 Contemporary World Issues | 4057 AP US Government |
| 4033 Soc. Studies II CP | ???? World Geography | 4033R Soc. Studies Intervention |
| 4053 Soc. Studies III CP | 9163 Sociology | 4632 ASG Soc. Studies I |
| 7163 Economics and Financial Literacy | 9143 AP Psychology | 4642 ASG Soc. Studies II |
| | 4063 AP US History | 4634 ASG Soc. Studies III |

Business/Technology

| | | |
|--------------------------|-----------------------------------|--------------------------|
| 8033 Info Technology | 8353 Entrepreneurship | 8173 Civil Eng. & Arch. |
| 8253 School Publications | 8153 Intro to Eng. Design | 8193 Engineering Design |
| 8303 Intro to Business | 8163 Principles of Engineering | 8133 Digital Electronics |
| 8003 Intro to Accounting | | |

Vocational

Agriculture, Food, and Natural Resources

| | |
|---|---|
| 7903 Agriculture, Food and Natural Resources | 7094 Environmental Science for Agriculture and Natural Resources |
| ???? Animal and Plant Science | 6993 Equine Selection, Nutrition, and Management |
| 7933 Business Management for Agriculture and Environmental Systems | 6963 Veterinary Science |
| 7083 Agriculture Business Work | ???? Mechanical Principles |
| 7943 Livestock Selection, Nutrition, and Management | ???? Global Economics and Food Markets |
| 7953 Agricultural and Environmental Systems Capstone | ???? Meat Science and Technology |
| | 7843 Forestry and Woodland Ecosystems |
| | 7863 Wildlife and Fisheries |

Family and Consumer Sciences

| | |
|---------------------------|----------------------------|
| 7173 Life Skills | 7193 Healthy and Safe Food |
| 7183 Career Research I | 7213 Healthy Living |
| 7203 Financial Management | 7223 Child Development |

Work Programs

| | |
|--------------------------------------|------------------------------|
| 7303* WECEP | 7723** Voc Work Skills |
| 7313* WECEP Job S-HALL Study hall | 7733** ASG Voc Work Adjust I |

*Both classroom and job components must be taken at the same time.

**Student must be on an IEP to enroll for these courses.

ENGLISH LANGUAGE ARTS

| | 9 | 10 | 11 | 12 |
|--|---|---|---|---|
| Appropriate for the student planning to work, or attend a 2 year or Technical School. | English I | English II | English III | English 12 |
| Appropriate for the 4 year College bound student. | English I CP Or English Honors I | English II CP Or English Honors II | English III CP Or AP English Language & Composition (DE) | English 12 CP English 12 DE AP Literature & Composition (DE) |

English I - 1003

Grade: 9

Credit: 1

Prerequisites: none

Fee: supplemental materials

The course will focus on basic competencies in reading and writing. Students will use the writing process with special emphasis on proofreading. Literature study may include short stories, a novel of merit, and excerpts from a Shakespearean play. The students will employ higher level thinking skills to read and understand a variety of non-fiction from sources such as newspapers as well as literature textbooks. Five Paragraph Essays will be required and vocabulary will be explored. Students may be required to purchase a literary magazine, workbook, or novel. Oral presentations will be required.

English I CP - 1013

Grade: 9

Credit: 1

Prerequisites: none

Fee: supplemental materials

One focus in this course will be on improving writing skills. Students will write a variety of essays and use proofreading and editing skills to modify and improve them. The focus in literature may include a novel of merit, a Shakespearean play, and various short stories. Students will employ higher level thinking skills to read and understand a variety of non-fiction. Special projects will be required. Students may

be asked to purchase a literary magazine, workbook, or novel. Oral presentations will be required.

English I Honors - 1343

Grade: 9

Credit: 1

Prerequisites: Achieve required score on Placement Test

Fee: purchase novel(s)

This course is an intensive English 9 course with added emphasis on the study of literary topics. Geared toward the highly motivated student, the course includes a greater number of reading and writing projects highlighted by the necessity to construct more advanced essays. Summer reading will be required along with an assignment due on the first day of school.

English S.G. I - 1703

Grade: 9

Credit 1

Prerequisites: none

Fee: none

This course will focus on basic competencies in reading and writing. Students will use the writing process and MUGS skills (Mechanics, Usage, Grammar, and Spelling). Literature study may include short stories and/or a novel. Students will employ higher level thinking skills to read and understand a variety of non-fiction from such sources as newspapers, as well as literature books. Book reports may be required and vocabulary will be explored.

English ASG 1 - 1603**Grade: 9****Credit: 1****Prerequisite: none****Fee: none**

Students will develop basic competencies in reading and writing. Students will use the writing process to develop paragraphs. Literature study may include recipes, newspapers, New 2 You, reading instructions, community based words, and reading selections to improve comprehension. Vocabulary will be studied in the context of reading selections.

English II - 1023**Grade: 10****Credit: 1****Prerequisites: English I****Fee: novel, workbook, and/or magazine**

Using the writing process, students will explore expository, persuasive, and narrative writing. Several compositions will be written. Multidisciplinary resources will be used in writing projects. A variety of short reading selections - contemporary, classical stories, essays, plays, poems & world literature - will be analyzed and discussed in written and oral form. The purchase of a literary magazine may be required. Students will be required to do oral presentations. Vocabulary will be studied in the context of reading selections, and the purchase of a vocabulary book may be required. Students will also be required to deliver speeches. Students will be required to purchase a novel.

English II CP - 1033**Grade: 10****Credit: 1****Prerequisites: English I/ English I CP****Fee: novel, workbook, and/or magazine**

Students will compose autobiographical, expository, persuasive, descriptive, and narrative writings. An emphasis will be placed on essay writing. Each student's diction level will be enhanced through vocabulary study. Students will read and study classical and contemporary novels, short stories, essays, poems, plays & world literature. Students will be required to purchase a paperback novel and/or literary magazine. Students will be required to do oral presentations based on compositions. Students will also be required to deliver persuasive and demonstrative speeches.

English II Honors - 1363**Grade: 10****Credit: 1****Prerequisites: English I Honors****Fee: purchase novel(s)**

This course will focus on college reading and writing. Students will use the writing process to produce research papers, fiction writing, and non-fiction writing. Students will do close reading of texts to deepen their understanding of literature, the writer's purpose, and vocabulary. Students will expand their vocabulary and have a working knowledge of terms. Students will be required to deliver oral presentations, speeches, & debates. Students will be required to do summer reading and will turn in a required assignment at the beginning of the school year. Students will be required to purchase novels. This course will prepare students to take future AP/Dual Enrollment courses.

English S.G. II - 1713**Grade: 10****Credit: 1****Prerequisites: English 1 S.G.****Fee: none**

Using the writing process, students will explore expository, persuasive, and narrative writing with special emphasis on proofreading and basic MUGS skills. Several compositions will be written. A variety of short reading selections – contemporary and classical stories, plays, poems, & world literature - will be analyzed and discussed in written and oral form. Students may be required to do oral presentations. Vocabulary will be studied in the context of reading selections.

WS English II - 1513**Grade: 10****Credit: 1****Prerequisite: WS English I****Fee: none**

Students will compose expository, persuasive, descriptive and narrative writing with emphasis placed on proofreading skills. Several compositions will be written. A variety of short stories will be read and discussed in written and oral form. Students will complete oral presentations. Vocabulary will be studied in the context of reading selections, projects, and/or activities.

English II ASG - 1613**Grade 10****Credit 1****Prerequisite: English I ASG****Fee: none**

Using the writing process students will explore various forms of writing with special emphasis on proofreading, transition of thoughts, and grammar. Students will apply reading skills necessary for consumer purchases. A variety of short reading selections will be analyzed and discussed in written and oral form. Vocabulary will be studied in the context of reading selections.

English Intervention - 1083**Grades: 11 & 12****Credit: .5****Prerequisites: Below proficient score on state tests in the areas of Reading and/or Writing and permission from instructor.****Fee: none**

This course will be a remedial English course, which focuses on improving Ohio Graduation Test or PARCC scores in the areas of reading and writing. The course will align with the Ohio learning standards. In addition, the class will incorporate note taking and organizational skills to improve student achievement. Students will learn their individual learning styles and what techniques will best serve them for success. This does not count toward the required English credits for graduation.

English III CP - 1053**Grade: 11****Credit: 1****Prerequisites: English I & English II (preferably CP)****Fee: purchase novel(s)**

This course will study the many famous authors of American Literature from various time periods and across all genres. Students will closely (independently and collectively) read the works of Irving, Steinbeck, Hawthorne, Poe, Faulkner, Christie, Miller and multiple others. In addition, students will examine and evaluate author's point of view, compare and contrast characters and write critical responses to readings after practicing the different approaches. Students will also have the opportunity to create an original piece of writing after examining a variety of styles, structures, and grammatical effects. Those choosing to complete this course as a CP student will be required to complete summer readings.

English III - 1043**Grade: 11****Credit: 1****Prerequisites: English I & English II****Fee: purchase novel(s)**

This course will study the many famous authors of American Literature from various time periods and across all genres. Students will read the works of Irving, Steinbeck, Hawthorne, Poe, Faulkner, Christie, Miller and multiple others. In addition, students will examine and evaluate author's point of view, compare and contrast characters, and write responses to readings. Students will also have the opportunity to create an original piece of writing after examining a variety of styles and structures.

English III S.G. - 1723**Grade: 11****Credit: 1****Prerequisites: English SG I & English SG II****Fee: none**

This course will study the many famous authors of American Literature. Students will examine and critique themes, compare & contrast characters, evaluate the author's point of view, and write responses to readings. Students will examine and apply the elements of fiction and literary terms. Students will develop their writing skills through individual levels of creativity. Students will focus on basic MUGS skills along with each student's creative ideas. Students will write in the following genres: poetry, journal writing, short stories, & essays.

One of the following English courses must be taken during a students' senior year:

English IV - 1134**Grades: 12****Credit: 1****Prerequisites: English I, II & III****Fee: Novel**

English IV explores the complete job application process, grammar, public speaking, and the writing process. Students will be required to explore various genres & authors of British Literature.

English 12 SG - 1733**Grade: 12****Credit: 1****Prerequisites: English I SG, English II SG and English III SG****Fee: none**

English 12 explores the complete job application process, grammar, the required Career Passport, public speaking, and the writing process. This class is designed for students who plan to enter the work force upon graduation. Students will also be required to explore several genres of literature.

WS English 12 - 1593**Grade: 12****Credit: 1****Prerequisites: WS English I, WS English II and English III WS****Fee: none**

English school-to-work explores the complete job application process, grammar, the required Career Passport, public speaking, and the writing process. This class must be taken during the senior year as a graduation requirement.

English 12 ASG - 1633**Grade: 12****Credit: 1****Prerequisite: English I ASG, English II ASG, and English III ASG****Fee: none**

This class is designed for students to explore the job application process and to complete their career passport. This class is a senior graduation requirement.

English 12 CP - 1143**Grades: 12****Credit: 1****Prerequisites: English I CP, English II CP and English III CP****Fee: purchase novel(s)**

College preparatory explores the authors and genres of British Literature, the complete college application process, grammar, public speaking, and college reading and writing. This class is designed for students who plan to attend a two or four year college.

English – Dual Enrollment (DE)**Grades: 12****Credit: 1****Prerequisites: English I CP, English II CP & English III CP****Fee: none**

Dual Enrollment explores the complete college application process, grammar, public speaking, and college reading & writing. This class is designed for students who plan to attend a two or four year college. This is a composition-based class. Various styles of writing will be explored. Students will be required to write a minimum of 5,000 words throughout this course. Students may be required to pay fees for field trips. This course includes the opportunity for students to participate in Dual Enrollment with Hocking College. There is the possibility that the student can receive a Freshman English Composition credit by the end of the school year. Details will be given in class within the first two weeks of classes. Students may be required to do a summer writing activity.

AP English Literature & Composition (DE) - 1123**Grades: 11 or 12****Credit: 1.0****Prerequisites: English I, English II, English III, preferably CP or Honors or a review of “special circumstances” of a student****Fee: AP exam fee, workbook, purchase novel(s)**

An AP English Literature and Composition course engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students are to consider a work's structure, style, and themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays.

This is an advance placement course, for which students may receive college credit upon successful completion of the AP exam. Summer reading will be required. Weighted grade scale applied for this course.

AP English Language & Composition - 1533

Grades: 11 or 12

Credit: 1.0

Prerequisites: English I, English II, English III, preferably CP or Honors (all courses passed with a B or better) or a review of “special circumstances” of a student

Fee: AP exam fee, workbook, apps

This course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer’s purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to

effectiveness in writing. This is an advance placement course, for which students may receive college credit upon successful completion of the AP exam. Summer reading will be required. Weighted grade scale applied for this course.

Reading Intervention - 1293

Grades: 9-12

Credit: 1.0

Prerequisites: Teacher placement

Fee: none

Students will practice fundamental reading skills. These may include newspapers, drivers education books, recipes, journals and student selected books.

MODERN LANGUAGES

There are several items a student should keep in mind when scheduling a modern language. Most colleges require two years of the same modern language for unconditional admittance. More demanding colleges require three years of the same language for admittance. Almost every college will give a placement test to determine where you will enter the modern language program. Please realize that many colleges and many degrees/fields of study require that you take a modern language.

Spanish I - 9043

Grade: 9 - 12

Credit: 1

Prerequisites: none

Fee: none

This is a beginning course in the Spanish language and Hispanic culture. Students will be introduced to the language and various regional cultures. They will exchange information in the target language through writing and speaking activities within the school setting. Understanding in other disciplines will be reinforced through the foreign language. Included are greetings, expressions of emotion and feelings, exchange of opinions, numbers and time, and basic sentence structure. A comprehensive study of present tense verbs and subject pronouns, direct object pronouns, indirect object pronouns, and use of reflexive verbs will be completed. The imperfect and preterit tenses will be introduced.

Spanish II - 9053

Grade: 10 - 12

Credit: 1

Prerequisites: Spanish I

Fee: none

This is a continuation of Spanish I. It is a further study and application of Spanish grammar through written composition and oral presentation. It includes the study of the preterit and imperfect tenses, future and conditional tenses, and the subjunctive mood. Also included will be a comprehensive study of the present perfect and present progressive. Students will demonstrate an understanding of their own cultures as compared to those studied and recognize distinctive viewpoints from both cultures.

Spanish III – 9063

Grade: 11 & 12

Credit: 1

Prerequisites: Spanish II

Fee: none

Spanish III continues the study of grammar while building vocabulary through the introduction of literature. Students develop greater fluency

through compositions, oral presentations and reading comprehension. There is also an in-depth study of Spanish speaking countries and their various cultures. Students will use the language within and beyond the school setting by providing instruction in the language to grades K-8, tutoring lower level Spanish students within the district, and cultural entertainment to those outside the school system. They will further understand and interpret the written and spoken language. Students will acquire additional information and recognize distinctive viewpoints through the modern language and its cultures. This class requires student planning and implementation of projects to demonstrate mastery of Ohio's Modern Language Standards.

Spanish IV - 9073

Grade: 12 (or 11 with transfer credit)

Credit: 1

Prerequisites: Spanish III

Fee: none

This is an in-depth continuation of previous levels. Included in class will be a study of short stories, compositions and literature. Students are expected to develop greater fluency through the continued study of the language. Students will show evidence of becoming life-long learners by using the language for personal enjoyment and enrichment. They will use the language within and beyond the school setting by providing instruction in the language to grades K-8 within the district and cultural entertainment to those outside the school system. Students will demonstrate an understanding of the nature of language and the concept of culture through comparisons of their own language to the Spanish language and Hispanic cultures. Students will demonstrate an understanding of products, practices, and perspectives of the cultures studied. This class requires student planning and implementation of projects to demonstrate mastery of Ohio's Modern Language Standards.

ASL I - 9303**Grade: 9 - 12****Credit: 1****Prerequisites: none****Fee: none**

This is a beginning course in sign language. The course introduces American Sign Language and emphasizes exposure to ASL. The key principles of signing are covered and students learn approximately 30 new signs each week. The class is progressive and builds upon previously learned material each day. Students will exchange information in the target language through signing. The course will include written activities to reinforce specific signs and visual skills. Understanding in other disciplines will be reinforced through the language.

ASL II - 9313**Grade: 10 - 12****Credit: 1****Prerequisites: ASL I****Fee: none**

This is a continuation of ASL I. It is a further study and application of sign language. This course develops a deeper knowledge of ASL grammar and the Deaf culture. Students will demonstrate an understanding of their own cultures as compared to that studied and recognize distinctive viewpoints from both cultures. Students will provide cultural instruction and/or entertainment within and outside the school system. **NOTE: Students may have an opportunity to attend an event for observation of sign language in use outside of school hours and report back to the class in both written and/or signed forms. An alternative assignment will be given to student(s) not attending the event.**

ASL III - 9323**Grade: 11 - 12****Credit: 1****Prerequisites: ASL II****Fee: none**

This is a continuation of ASL II. This course develops a deeper knowledge of ASL grammar and Deaf culture. Students will demonstrate an understanding of their own cultures as compared to that studied and recognize distinctive viewpoints from both cultures. Students will provide cultural instruction and/or entertainment within and outside the school system. Students will serve as Teaching Assistants for ASL II and/or tutoring/teaching of ASL I / II, elementary students, providing

supervised teaching and expansion of ASL knowledge. **NOTE: ASL III students will be expected to attend at least one approved scheduled event for observation of sign language in use outside of school hours during the year.** This class requires student planning and implementation of projects to demonstrate mastery of Ohio's Modern Language Standards.

ASL IV – 9333**Grade: 12 (or 11 with transfer credit)****Credit: 1****Prerequisites: ASL III****Fee: none**

This is an in-depth continuation of previous levels. Included in class will be a study of dramas and literature. Students are expected to develop greater fluency through the continued study of the language. Students will show evidence of becoming life-long learners by using the language for personal enjoyment and enrichment. Students will demonstrate interpersonal and presentational communication. They will use the language within and beyond the school setting by providing instruction in the language to grades K-8 within the district and cultural entertainment to those outside the school system. Students will demonstrate an understanding of products, practices, and perspectives of Deaf culture. **NOTE: ASL IV students will be expected to attend at least one approved scheduled event for observation of sign language in use outside of school hours during the year.** This class requires student planning and implementation of projects to demonstrate mastery of Ohio's Modern Language Standards.

Mandarin Chinese I – 9343****May not be available in 2015-16****Grade: 9-12****Credit: 1****Prerequisites: none****Fee: none**

In a global economy, Mandarin Chinese is one of the languages in highest demand. The beginning skills for this language will be taught via video conferencing (live, interactive audio and video).

French I – 9353

****May not be available in 2015-16**

Grade: 9-12

Credit: 1

Prerequisites: none

Fee: none

French is a college prep course open to students interested in learning another language and preparing for college. Materials include textbook, cd's, videos and workbook. The first year's study covers meeting people, ordering, talking about things and people in the present and past, asking for and giving information, shopping and traveling. Students are expected to complete daily assignments, study, and participate in class. (live, interactive audio and video).

VISUAL/PERFORMING ARTS & HUMANITIES

Art I - 5003

Grade: 9 - 12

Credit: .5

Prerequisites: none

Fee: \$25.00

Art is a semester course in which the student will learn the application of the basic elements of art through various media and techniques. The student will be required to submit a weekly sketchbook and begin a showcase portfolio. This portfolio will include work completed in class and will serve as the semester exam grade. The work contained within the portfolio will demonstrate the growth of the artist. This course serves as a prerequisite for advanced art courses. Homework will be assigned and students will be required to supply additional materials as needed.

Art II – 5013

Grade: 10 - 12

Credit: .5

Prerequisites: Art I

Fee: \$25.00

Students will be exposed to an in-depth view of technique and media. A portfolio will be composed throughout the year as a reflective tool. Homework will be assigned along with weekly sketchbooks, which should reflect student life experiences and interests.

Ceramics I - 5033

Grade: 9 - 12

Credit: .5

Prerequisites: none

Fee: \$30.00

This course is designed for the beginning ceramics student who may not have prior art making experience with clay as a medium. Material covered will include art making, development of skills as well as an art history component which will explore pottery from around the world and its function. Students will experience creating with clay with a focus on hand building techniques such as pinch, coil, & slab. Various glaze & decoration techniques will be introduced as well as functional & sculptural applications.

Ceramics II - 5035

Grade: 9 - 12

Credit: .5

Prerequisites: Ceramics I

Fee: \$30.00

This course is designed for the advanced ceramics student who is experienced in making art with clay as a medium. Material covered will include development of skills as well as an art history component, which will explore pottery from around the world and its function. Students will focus on advanced techniques, as well as various glaze and decoration techniques, and functional and sculptural applications.

Art Independent Study – 5025

Grade: 11 - 12

Credit: .5

Prerequisites: none

Fee: \$25.00

Students will work in a small-group setting to explore and develop artistic skills based on personal interest and ability. A portfolio will be composed throughout the semester as a reflective tool.

Advanced Art Design DE – 5027

Grade: 10 - 12

Credit: 1

Prerequisites: Art II or Ceramics II

Fee: \$25.00

Dual enrollment credit through Hocking College may be earned upon successful completion of this course.

Students will investigate design concepts and methods with emphasis on principles. Studio activities include creative problem solving and research involving line, shape, texture, value and color.

Concert Choir - 5103**Grade: 9 - 12****Credit: 1****Prerequisites: none****Fee: none**

Concert choir is designed for those students who enjoy singing. All types of songs are rehearsed, memorized, and performed. Students electing this course are required to participate in the fall, winter, and spring concerts, in addition to assemblies and graduation. There may also be optional contests and performances. In addition, written work beyond the classroom is expected.

Chamber Singers – 5093**Grade: 10-12****Credit: 1.0****Prerequisite: Concert Choir & auditions****Fee: None**

Chamber Singers will be featured at many school and community events. Students will be required to participate in such events during and/or after the school day. Students must successfully audition for this class.

Band - 5113**Grade: 9 - 12****Credit: 1****Prerequisites: none****Fee: none**

Band is for all students who currently play a band instrument or have a strong desire to learn to play. During the fall, rehearsals will focus on preparation for marching band performances. During concert season the band will perform at concerts, competition, and commencement exercises. Students may also participate in pep band and/or solo and ensemble contests on a voluntary basis.

Marching Band – 5113M**Grade: 9-12****Credit: .5****Prerequisites: Band****Fee: varies**

Students enrolled in band are encouraged to participate in marching band during football season and pep band during basketball season. The marching band segment will include a mandatory band camp during the summer and practice every day after school. The marching band will perform at all football games, as well as several parades and festivals. During the pep band segment, students will perform at home basketball games.

Music Theory - 5143**Grade: 9 - 12****Credit: .5****Prerequisites: none****Fee: none**

Music theory is designed for the student interested in the actual mechanics involved in analyzing, arranging, and writing music. The student will learn scale structure, chord progressions, and intervals through sight-singing, ear training, and practical application to a keyboard and/or other musical instruments. Music Theory is a year-long course that will be taught with jazz band on alternating days. During the first semester, theory will be taught on Mondays, Wednesdays and Fridays; jazz band will be taught on Tuesdays and Thursdays. This pattern will be reversed second semester. Students are required to sign-up for both theory and jazz band. Jazz band will meet two days per week following the conclusion of marching band season.

Jazz Band - 5153**Grade: 9 - 12****Credit: .5****Prerequisites: Must be in concert band****Fee: none**

Jazz band is a selected group of musicians who meet the instrumentation needed for a jazz band. Jazz band is open to students desiring the opportunities of performing dance, popular, and improvisational music. This group will perform at several concerts and other functions. Students who sign up for jazz band must also attend rehearsals after school. Students who select jazz band must also select music theory.

Lab Band - 5133**Grade: 9 - 12****Credit: 1****Prerequisites: none****Fee: none**

Lab band is open to any student who wants to learn how to play any instrument. Previous knowledge of music is not necessary. In this course, you will learn to read music and learn to play an instrument of your choosing (upon availability of instrument). Performances are a possibility.

Comm I - 1323**Grade: 10, 11, & 12****Credit: .5****Prerequisites: none****Fee: none**

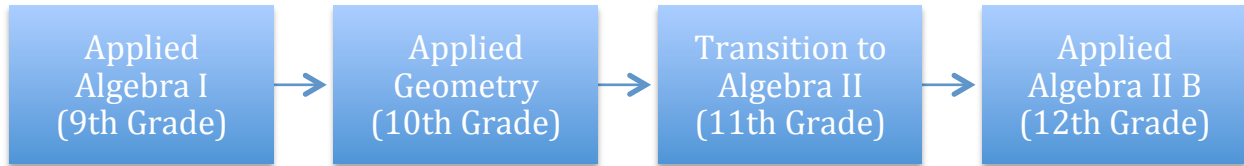
This semester course explores the physical, environmental, and vocal needs of the performer. It is designed to improve confidence, memorization, and communication skills. Students will explore the history of theatre, dramatic literature, and acting skills. This is a very active class filled with theatre games, improvisation, pantomime, clowning, dancing, audition techniques, and playwriting. Students will be expected to perform in a class production as a part of the class grade. This class counts as an elective credit and can be taken more than once.

Comm II - 1333**Grade: 11 & 12****Credit: .5****Prerequisites: none****Fee: none**

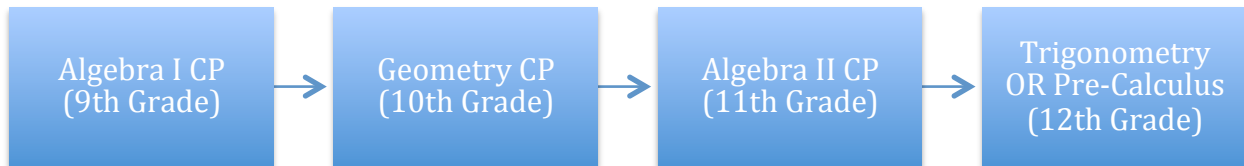
This semester course explores all aspects of technical theatre and meets in the theatre shop. Students will study and complete projects in set design, set building, props, lights, make-up, costuming, sound, stage management, house management, and publicity. Students will be required to work on a production in at least one technical area. Students who successfully complete this course may have the opportunity to run sound and lights for school functions. A hammer, wrench, gloves, safety goggles, and workbook are required for the class. This course counts as an elective credit and can be taken more than once. Students will learn about technical theatre through informational text. Students will apply this knowledge to complete projects.

MATHEMATICS

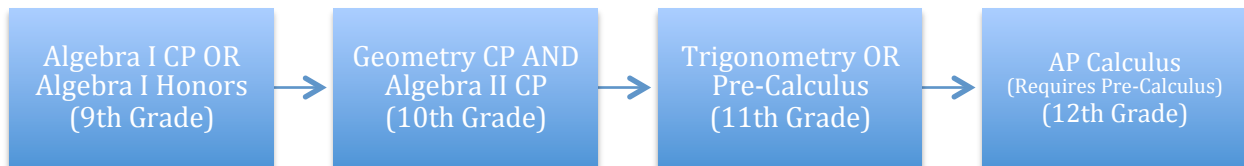
COURSE SEQUENCE FOR TECH PREP/VOCATIONAL



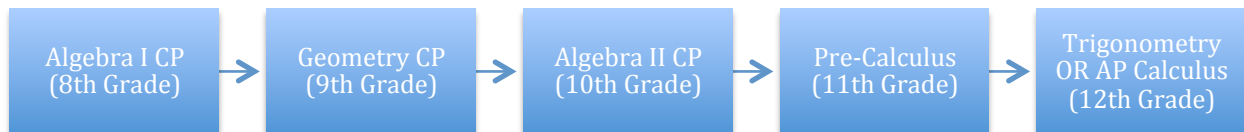
COURSE SEQUENCE FOR COLLEGE PREP



COURSE SEQUENCE FOR COLLEGE PREP (DOUBLING UP AS A SOPHOMORE)



COURSE SEQUENCE FOR COLLEGE PREP (ALGEBRA I CP IN 8TH GRADE)



Attention Middle School Students:

* The purpose of taking Algebra I CP during your 8th grade year is so you can take AP Calculus as a senior without taking Geometry CP & Algebra II CP concurrently. Therefore, if you do not anticipate taking AP Calculus your senior year, you should wait until freshman year to take Algebra I CP.

*Incoming freshman cannot take Geometry CP and Algebra II CP concurrently.

*Trigonometry can be taken during the 11th or 12th grade years. It will be taken concurrently with Pre-Calculus or AP Calculus.

Attention High School Students:

* You are required to be enrolled in a Math class until you pass fulfill the state math requirements for graduation.

Applied Algebra I - 2003**Grade: 9****Credit: 1****Prerequisites: none****Fee: none**

This course is intended for the student who is selecting the Vocational or Tech Prep track. The course will follow the mathematics standards set forth by the State Department of Education. Students will be expected to do daily homework, quizzes, unit tests, a notebook and projects. A three-ring binder is required. A graphic calculator (TI-83 or TI-84) is recommended but not required.

Algebra I CP - 2013**Grade: 8 - 9****Credit: 1****Prerequisites: none****Fee: None**

This course is designed for the mathematics student of average ability and is the minimum prerequisite for advancing to Geometry and/or Algebra II. The course will follow the Mathematics Standards set forth by the State Department of Education. This course will stress problem solving and will contain an in-depth study of properties of real numbers, positive and negative numbers, operations with polynomials, solving equations, graphics, equations and powers, roots, radicals, probability and data analysis. Students will be expected to do daily homework problems, quizzes, unit tests, notebooks and projects. A three-ring binder is required. A graphing calculator (TI-83 or TI-84) is recommended but not required.

Algebra I Honors - 2011**Grade: 9****Credit: 1****Prerequisites: Achieve required score on a placement test, and "A" average in 8th grade math.****Fee: none**

This course is designed for the mathematics student of above average ability and is the minimum prerequisite for advancing to Honors Geometry and/or Algebra II. The course will follow the mathematics standards set forth by the State Department of Education. This course will stress problem solving and will contain an in-depth study of properties of real numbers, positive and negative numbers, operations with polynomials, solving equations, graphics, equations and powers, roots, radicals,

probability, and data analysis. Students will be expected to do daily homework problems, quizzes, unit tests, notebooks, and projects. A three-ring binder is required. A graphic calculator (TI-83 or TI-84) is recommended but not required.

SG Applied Algebra I - 2503**Grade: 9****Credit: 1****Prerequisites: none****Fee: none**

The course will follow the mathematics standards set forth by the State Department of Education. The course is designed to assist students in gaining the skills to become proficient at grade level in mathematics. The coursework includes, but is not limited to translating algebraic expressions and equations, collecting, organizing and using data, solving algebraic equations, proportions and graphing. Students will be expected to complete homework assignments, quizzes, unit tests and in-class activities.

ASG Applied Algebra I – 2603**Grade: 9****Credit: 1****Prerequisite: none****Fee: none**

This course will stress problem solving and will contain an in-depth study of real-life mathematical situations.

Applied Geometry - 2083**Grade: 10****Credit: 1****Prerequisites: Applied Algebra I****Fee: none**

This course is intended for the student who is selecting the vocational or tech prep track. The course will follow the 10th grade math standards set forth by the State Department of Education. Students will be expected to do daily homework, quizzes, unit tests, a notebook and projects. A three-ring binder, scientific calculator, straight edge, compass, and protractor will be required.

Geometry CP - 2023**Grade: 9 - 10****Credit: 1****Prerequisites: Algebra I CP****Fee: none**

This course is designed for the student who has a good working knowledge of mathematics. It requires skillful use of Algebra I. Major topics are studied in depth including the writing of geometric proofs as well as the algebraic solutions of geometric problems involving lines and angles. Triangles, parallel and perpendicular lines, circles, and similar polygons will be emphasized. Students will perform basic construction using a straightedge and compass, and will gain experience using protractors. Students will be expected to do daily homework, take quizzes and unit tests, while maintaining notebooks. A three-ring binder, scientific calculator, straightedge, compass and protractor are required.

SG Applied Geometry - 2513**Grade: 10****Credit: 1****Prerequisites: SG Applied Algebra I****Fee: none**

The course will follow the mathematics standards set forth by the State Department of Education. The course is designed to assist students in gaining the skills to become proficient at grade level in mathematics. The coursework includes, but is not limited to reasoning in geometry, identifying patterns, analyzing two-dimensional figures; coordinate graphing, angles, parallels and relationships of geometric figures. Students will be expected to complete homework assignments, quizzes, unit tests and in-class activities.

ASG Applied Geometry – 2613**Grade: 10****Credit: 1****Prerequisite: ASG Applied Algebra I****Fee: none**

Topics studied include lines, angles, polygons, circles, perpendicular lines, and triangles. Students will perform basic construction using a straightedge and compass.

Transition to Algebra II – 2004**Grade: 11****Credit: 1****Prerequisites: Applied Algebra I & Applied Geometry****Fee: None**

This course is intended for the student who is selecting the vocational or tech prep track. The course will follow the eleventh grade math standards set forth by the Ohio Department of Education. The course will also help prepare those students who still need to pass the math portion of the OGT. Students will be expected to do daily homework, quizzes, unit tests, and keep a notebook. A three-ring binder will be required. A graphing calculator (TI-83 or TI-84) is recommended but not required.

Algebra II CP - 2074**Grade: 10 - 11****Credit: 1****Prerequisites: Geometry CP****Fee: Graphing Calculator Required**

This course is designed for the mathematics student of above average ability. This course stresses mastery of techniques and solving multi-step problems. It will begin with a brief review of Algebra I and is followed with an in-depth study of first-degree equations, operations with polynomials, graphing, matrices, radicals, imaginary numbers, quadratic equations, logarithms, data analysis, conic sections, and trigonometry. Students will be expected to do daily homework problems, quizzes, unit tests, and keep a notebook. A scientific calculator and summer course work are required. Any version of the TI-83 or TI-84 graphing calculator is required due to extensive graphing calculator use.

SG Transition to Algebra II – 2504**Grade: 11****Credit: 1****Prerequisites: SG Applied Algebra I & SG Applied Geometry****Fee: none**

This course will follow the mathematics standards set forth by the Ohio Department of Education. The course is designed to assist students in gaining the skills to become proficient at grade level in math. The course work includes, but is not limited to functions and graphs, linear equations, powers and roots, polynomials, factoring and quadratic and exponential functions. Students will be expected

to complete homework assignments, quizzes, unit tests and in-class activities.

ASG Transition to Algebra II – 2604

Grade: 11

Credit: 1

Prerequisites: ASG Applied Algebra I, & ASG Applied Geometry

Fee: None

This course is a continuation of ASG Applied Algebra I and stresses problem solving with one or more variable. Students are expected to consider all variables in their decision-making processes.

Applied Algebra II B – 2005

Grade: 12

Credit: 1

Prerequisites: Applied Algebra I, Applied Geometry, and Transition to Algebra II

Fee: None

This course is a continuation of Transition to Algebra II. The course will follow the eleventh grade math standards set forth by the Ohio Department of Education. The course will also help prepare those students who still need to pass the math portion of the OGT. Students will be expected to do daily homework, quizzes, unit tests, and keep a notebook. A three-ring binder and scientific calculator will be required.

Pre-Calculus - 2034

Grade: 11 - 12

Credit: 1

Prerequisites: Algebra II CP

Fee: Graphing Calculator Required

This course emphasizes the following topics: algebra development and review, trigonometry, linear programming and analytical geometry. Most students who elect this course will be considering careers in business, medicine, science, mathematics, computers, or other areas requiring technical school or college training. Students will be expected to complete daily homework, quizzes, tests and folders each grading period. The course includes descriptive and inferential statistics, combinations, probability, and further work with exponential, logarithmic, and trigonometric functions. A background in trigonometry and circular functions is included while algebraic and statistical concepts are integrated throughout, and modeling of real phenomena is emphasized. Any version of the TI-83 or TI-84 graphing calculator is required due to extensive graphing calculator use.

SG Applied Algebra II B – 2505

Grade: 12

Credit: 1

Prerequisites: SG Applied Algebra I, SG Applied Geometry & SG Applied Algebra II A

Fee: none

The course will follow the mathematics standards set forth by the State Department of Education. The course is designed to assist students in gaining the skills needed to be proficient in mathematics. The course includes, but is not limited to: formulate a problem in response to a specific need or situation, determine information required to solve the problem, choose method for obtaining information and apply mathematical knowledge and skills. Students will be expected to complete homework assignments, quizzes, unit tests and in-class activities.

ASG Applied Algebra II B – 2634

Grade: 12

Credit: 1

Prerequisites: ASG Applied Algebra I, ASG Applied Geometry, and ASG Applied Algebra II A

Fee: none

This course is continuation of ASG Applied Algebra II A. This course will emphasize personal finances including budgeting, sources of acquiring loans, principles, and management skills.

AP Calculus - 2053

Grade: 12

Credit: 1

Prerequisites: Pre-Calculus

Fee: Graphing Calculator required

This course will consist of topics in trigonometry, analytical geometry, sequences and series, polar and normal forms of equations, differentiations and integral calculus and limits. Students will be expected to complete daily homework, quizzes, tests and folders each grading period. Students will take the AP test in early May. A fee may be charged for the AP Exam and a graphing calculator is required. A TI-83 or TI-84 is required. Weighted grade scale is applied for this course.

Trigonometry/Conics – 2043

Grade: 11-12

Credit: 0.5

Prerequisites: Algebra II CP/recommendation

Fee: Graphing calculator required

This course is designed for the student who is going to take AP Calculus or is interested in a career in engineering. The course will emphasize trig identities, properties of sine and cosine, graphing of trig functions, inverse trig functions, conic section work, and extensive use of graphing calculators. Students will be expected to complete daily homework, quizzes, tests, and a folder each grading period. A graphing calculator (TI-83 or TI-84) is required. *If you take this course as a 12th grade student and are also taking AP Calculus, we recommend that Trig/Conics is taken during first semester. If you are an 11th grade student, there is no semester preference.*

PHYSICAL EDUCATION & HEALTH

Health - 6003

Grade: 9 - 12

Credit: .5

Prerequisites: None

Fee: none

This course is required of all students for graduation. The topics include personal health, drug and alcohol education, tobacco education, AIDS education, sexually transmitted diseases, human development and other related topics.

WS Health - 6053

Grade: 9 - 12

Credit: .5

Prerequisites: None

Fee: none

This course is required of all students for graduation. The topics include personal health, drug and alcohol education, tobacco education, AIDS education, sexually transmitted diseases, human development and other related topics.

Medical Careers – 6043

Grade: 11 – 12

Credit: .5

Prerequisites: Health

Fee: none

This course is designed for students interested in entering the medical profession. During this course, students will have the opportunity to study various aspects of the healthcare industry. Some professions that will be examined include doctors, dentists, veterinarians, medical assistants, healthcare administrators, and other related occupations. In addition to learning about medical practices, students will be able to analyze different educational and professional training options.

Physical Education - 6013

Grade: 9 - 12

Credit: .25

Prerequisites: none

Fee: none

Physical education is required of all students for graduation. It will provide each student with the opportunity to learn skills for increased fitness and to develop skills and understandings that will enable the student to enjoy a lifetime of physical fitness. A total of .5 credits is needed to fulfill this graduation requirement.

SCIENCE

SCIENCE FLOW CHART

| | 9 | 10 | 11 | 12 |
|---|---------------------|------------------------------|---|--|
| Appropriate for the student planning to work, attend a 2 year or Technical School. | Physical Science | Biology | *Natural Resource Science Course AND OGT intervention (mandatory for students who have not passed the OGT) | OGT intervention (mandatory for students who have not passed the OGT) |
| Appropriate for the 4 year College bound student. | Physical Science CP | Biology CP OR Honors Biology | Chemistry Anatomy & Physiology AP Biology AND OGT intervention (mandatory for students who have not passed the OGT & counts as an elective credit) | Chemistry Anatomy & Physiology Physics OGT intervention (mandatory for student who have not passed the OGT) AP Biology |

***Additional/Supplemental Science credits may be earned through the Natural Resource Department.**

Physical Science - 3113

Grade: 9

Credit: 1

Prerequisites: none

Fee: \$15.00

This course is designed to help students develop skills in the scientific method as applied to the Physical Sciences, Earth and Space Sciences, and Science and Technology. This course will cover such topics as atoms, chemical reactions, physical properties, mixtures and solution, laws of motion, forces, energy, waves, historical perspectives, processes within and on the earth, the earth's history through Geological evidence, and the relationship between technology and science.

Physical Science CP - 3123

Grade: 9

Credit: 1

Prerequisites: A grade of "C" or higher in an 8th grade Science

Fee: none

This course is an intensive physical science class with added emphasis on helping students

develop skills in the scientific method as applied to Physical Science, Earth and Space Sciences, Science and Technology. This course will cover matter, atoms, chemical and physical properties, chemical reactions, mixtures and solutions, laws of motion, force, energy, waves, historical perspectives, earth's internal and external processes, earth's history through Geological evidences and the relationship between technology and science. Mathematical relationships will be included. Summer assignments will be required & will be due on the 1st day of school.

Physical Science ASG - 3633

Grade: 9

Credit 1

Prerequisites: None

Fee: None

This course is designed to help students develop skills in the scientific method. This course will cover such topics as atoms, physical and chemical properties, laws of motion, energy, waves, processes within and on the earth, and the earth's geological history.

Biology - 3133**Grade: 10****Credit: 1****Prerequisites: Physical Science****Fee: \$20.00**

In this course students will focus on the study of Life Science. Students will demonstrate an understanding of how living systems function and how they interact with the physical environment. The study of how earth systems and processes interact in the geosphere, recognize that science and technology are interconnected, develop scientific habits of mind, and realize that the current body of scientific knowledge must be based on evidence. A fee of \$20.00 will be charged to cover the cost of materials used in this course. Some dissection may be required.

Biology CP - 3033**Grade: 10****Credit: 1****Prerequisites: Physical Science CP****Fee: \$20.00**

This course is designed to provide a foundation in the principles and technique used in the study of Biological Science. Students will learn life processes and how earth's systems interact. The cycling of matter and the flow of energy in living systems along with the structure and functions of living organisms will be studied. Diversity and interdependence of life, the relationship between science and technology, and use of the scientific method to ask valid questions will be examined. The gathering and analysis of scientific data through classroom activities, projects, and investigations will be included. A fee of \$20.00 is charged to cover costs of materials used in this course. Some dissection is required.

Honors Biology - 3153**Grade: 10****Credit: 1****Prerequisites: "A" in Physical Science CP or by recommendation****Fee: \$25.00**

This course is designed as a prerequisite for students who plan to take AP Biology during their junior or senior year. This course will cover all 10th grade Biology standards during the first semester, and will provide an introduction to the AP Biology standards during the second semester. This course is designed specifically for students who plan to take AP Biology in the future, and will provide an intensive overview of

all areas of life science including biochemistry, cellular and molecular biology, genetics, ecology, evolution, comparative anatomy/physiology, and botany. Many laboratory activities will be completed in this course, which may require time outside of class. A summer assignment will be required for this course.

Biology ASG - 3643**Grade: 10****Credit: 1****Prerequisites: None****Fee: None**

This course will focus on the study of Life Sciences. Students will learn the cycling of matter and the flow of energy in living systems along with the structure and functions of living organisms. Diversity of life and interdependence will be explored through various activities and projects.

Science Intervention - 3143**Grade: 11-12****Credit: 1 (Elective Credit)****Prerequisites: Biology+Physical Science****Fee: None**

This course is designed for students who have passed BOTH Physical Science and Biology, but have not passed the state test. This course will help students develop advanced skills in the scientific method, as well as concepts not normally taught in Physical Science. Biological concepts related to the environment will also be taught. (This course does NOT count as a Science credit.)

Environmental Science ASG - 3652**Grade: 11****Credit: 1****Prerequisites: None****Fee: None**

This course is designed for students to further explore their environment. Topics studied include population growth, erosion, acid rain, various forms of pollution, energy resources, "Green" products and activities to help the planet, and other environmental subjects that affect our daily life.

Chemistry - 3053**Grade: 11-12****Credit: 1****Prerequisites: Physical Science, Biology, 2 Math credits – 1 being Algebra I****Fee: \$20.00 & scientific calculator**

This course is designed for students interested in going to college and/or into the field of science. Fundamentals of Chemistry such as matter, measurement, atoms, electron arrangement, periodic law, chemical bonding, formulas, equations, phases of matter, solutions and chemical reactions are covered. Also included are the relationship between science and technology and historic perspectives. The laboratory experiments help students correlate chemistry concepts with actual observations. There is a \$15.00 fee charged to cover costs of supplies. Students are required to purchase a scientific calculator.

Physics - 3073**Grade: 12****Credit: 1****Prerequisites: Physical Science, Biology, 3 Math credits – 1 being Algebra II****Fee: \$25.00 & scientific calculator****Prerequisite: Must have passed three credits in math, one of which must be Algebra II**

The study of Physics is designed to acquaint the student with the relationship of energy and matter. The basic laws and principles studied include energy, measurement, velocity and acceleration, forces, periodic motion, momentum, matter, sound, light, electrostatics and electricity. Historic perspectives and the relationship between science and technology are included. Laboratory experiments are a very important part of this course and are performed to apply the physics concepts. A good working knowledge of mathematics is essential. Students may be required to purchase a lab manual and it is strongly recommended that they own a scientific calculator. A fee of \$25.00 is charged for this course.

Anatomy & Physiology – 3203**Grade: 11 - 12****Credit: 1****Prerequisites: Biology CP or Honors Biology****Fee: \$35.00**

Anatomy and physiology will introduce students to the structure and function of the human body. This course is ideal for those students who are interested in pursuing a career in medical or healthcare fields. The main arenas to be covered will be anatomical terminology, human organization, integumentary system, skeletal system, muscle system, blood, cardiovascular system, respiratory system, nervous system, endocrine system and human birth and development. Emphasis will be placed on the identification and location of parts of the human body and how those parts function in maintaining homeostasis. Dissection of a cat will be required.

Advanced Placement Biology - 3163**Grade: 11-12****Credit: 1****Prerequisites: Physical Science CP, Honors Biology with a grade of B or better, & Chemistry with a grade of B or better, or written permission from the instructor.****Fee: \$35.00 plus AP exam fee**

This course is designed for the college bound student who has a strong interest in the life sciences and/or plans to pursue a career in the life or health sciences. This course is an intensive overview of all areas of biology, including biological chemistry, cellular and molecular biology, genetics, anatomy and physiology and botany. This is an advanced placement course, for which students may receive college credit upon successful completion of the AP exam at the end of the course. This is a heavily lab based course, and some time may need to be spent outside of class to complete lab activities. Some summer readings and assignments may be required. Students not meeting the prerequisite requirements must obtain written permission from the instructor before they will be permitted to register, and permission may not be granted if more than one of the prerequisites have not been met. A fee of \$25.00 will be charged to cover the cost of laboratory materials. Students are also responsible for the cost of the AP Exam fee. Weighted grade scale applied for this course.

SOCIAL STUDIES

FLOW CHART

| | 9 | 10 | 11 | 12 |
|--|---------------------|---|---|---|
| Appropriate for the student planning to work, attend a 2year or Technical School. | Social Studies I CP | Social Studies II CP OR AP U.S. History | Social Studies III CP OR AP U.S. Government | Economics and Financial Literacy & additional course of either: World Geography, Contemporary World Issues, Sociology, AP Psychology, AP US History, or AP US Government |
| Appropriate for the 4 year College bound student. | Social Studies I CP | Social Studies II CP OR AP U.S. History | Social Studies III CP OR AP U.S. Government | Economics and Financial Literacy & additional course of either: World Geography, Contemporary World Issues, Sociology, AP Psychology, AP US History, or AP US Government |

Social Studies I CP - 4013

Grade: 9

Credit: 1

Prerequisites: none

Fee: none

Students continue the chronological study of world history. This study incorporates each of the seven Ohio Academic Content Standards. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills.

Social Studies I ASG – 4632

Grade: 9

Credit: 1

Prerequisite: none

Fee: none

Students will continue the study of world history. As students study historical eras, they will consider geographic settings, cultures, and gain a deeper understanding of the role of citizens.

Social Studies II CP - 4033

Grade: 10

Credit: 1

Prerequisites: Social Studies I

Fee: none

Tenth grade students continue the chronological study of the history of the United States with emphasis on domestic affairs. This study incorporates each of the seven state standards. As students study historic eras, they consider the geographic, cultural, economic and governmental changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

Social Studies II ASG – 4642**Grade: 10****Credit: 1****Prerequisite: Social Studies I ASG****Fee: none**

Students will study the history of the United States. As students study historical eras they will consider geographic settings, cultural, economic and governmental changes that have occurred.

Social Studies III CP- 4053**Grade: 11****Credit: 1****Prerequisites: Social Studies II CP****Fee: none**

This course is designed for the college bound student who needs to develop a better understanding of American Government. The focus of eleventh grade is an in-depth study of the U.S. government and economy. Students study the historical roots of the political system and how it has changed over time. They continue to develop an understanding of the rights and responsibilities of citizenship, as well as, personal economic responsibilities. This course follows the eleventh grade standards set forth by the Ohio Department of Education.

Social Studies III ASG – 4634**Grade: 11****Credit: 1****Prerequisites: Social Studies II ASG****Fee: none**

This course is designated to give students a better understanding of American Government. Students will continue to develop an understanding of the rights and responsibilities of citizenship.

Advanced Placement US Govt. - 4057**Grade: 11-12****Credit: 1****Prerequisites: Social Studies I CP, Social Studies II CP with a grade of B or better, or written permission from the instructor.****Fee: AP exam fee**

This course explores the political theory and everyday practice that direct the daily operation of our government and shape our public policies. The express purpose of this course is to prepare students to take the AP Exam for U.S. Government and Politics Course Description. The course provides instruction in each of the topics outlined in the AP Government and Politics Course Description. The course provides students with practice in analyzing and

interpreting data and other information relevant to U.S. government and politics. The course requires students to answer analytical and interpretive free-response questions on a frequent basis. Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens. Weighted grade scale applied for this course. Summer reading assignments will be required as well as participation in the AP test administration. Each student must take the AP examination in order to receive credit for the class.

Advancement Placement Psychology – 9143**Grade: 11-12****Credit: 1****Prerequisites: World History with a grade of B or better, US History with a grade of B or better, or written permission by instructor****Fee: \$25 plus AP test fee**

The course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

Sociology - 9163**Grade: 11 & 12****Credit: .5 (Elective)****Prerequisites: none****Fee: none**

Sociology is an elective course designed for students planning to enter some form of higher education. Sociology is structured with an emphasis upon the study of people and their human relationships. Students will learn the vocabulary and techniques of sociology. A large percentage of the course will be centered upon how the individual copes in our society with its social problems. Evaluation will involve tests, written work, class participation, and group research.

Social Studies Intervention - 4033R**Grade: 11-12****Credit: 1 (Elective)****Prerequisites: none****Fee: none**

This course is designed for students who have not passed the Social Studies portion of the state tests. Course will focus on format of state test questions, test-taking skills, and general social studies topics covered on the state test.

Advanced Placement US History – 4063**Grade: 10-12****Credit: 1****Prerequisites: World History with a grade of B or better, or written permission from the instructor.****Fee: \$25.00 plus AP exam fee**

The AP U.S. History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials—their relevance to a given interpretive problem, reliability, and importance—and to weigh the evidence and interpretations presented in historical scholarship. The course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Economics and Financial Literacy – 7163**Grade: 10-12****Credit: .5****Prerequisites: none****Fee: none**

This course explores the fundamentals that guide individuals and nations as they make choices about how to use limited resources to satisfy their wants. More specifically, it examines the ability of individuals to use knowledge and skills to manage limited financial resources effectively for a lifetime of financial security. Students will discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond competently to life events that effect every day financial decisions, including events in the general economy.

Contemporary World Issues - 4103**Grade: 10-12****Credit: .5****Prerequisite: none****Fee: none**

The dynamics of global interactions among nations and regions present issues that affect all humanity. These dynamics include competing beliefs and goals, methods of engagement, and conflict and cooperation. Contemporary issues have political, economic, social, historic and geographic components. Approaches to addressing global and regional issues reflect historical influences and multiple perspectives. Students can impact global issues through service learning and senior projects.

World Geography - 4107**Grade: 10-12****Credit: .5****Prerequisite: none****Fee: none**

This course builds on students' understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, students examine the implications of these spatial arrangements.

BUSINESS/TECHNOLOGY

TECHNOLOGY

Information Technology - 8033

Grade: 9 - 10

Credit: .5

Prerequisites: none

Fee: \$10.00

This course is designed to allow students to develop the NLHS Technology Checklist Skills. It will provide an awareness of basic operations and concepts, social, ethical, human, and historical aspects of computing. Students have "hands on" experience with applications in word processing, spreadsheets, and database programs. Projects using the Internet and presentation programs round out the experiences. It emphasizes proficiency in electronic mail, Internet research and ethical use of technology. A lab fee of \$10.00 is required.

School Publications - 8253

Grades: 10-12

Credit: 1

Prerequisites: Interview and Application

Fee: None

Study and construction of an annual from beginning layout, cover design, ads sales, photography basics, to delivery of the product the following September. Students must agree to cover after school activities and work after school selling ads; students will contract to complete the book in June after school is out. Students will stay after school one day each week once the book is in production. No more than ten students will be admitted. Students will also be required to attend events, take photographs, write and publish news releases during the course of the year. Computer experience, writing skills, and good attendance are essentials. Junior and senior students are admitted through an application process; applications are available from the advisor. Selected students will be notified before the scheduling deadline.

BUSINESS EDUCATION**

Introduction to Business – 8303

Grade: 9-12

Credit: .5

Prerequisite: none

Fee: none

Introduction to Business is a class to demonstrate how the business economy operates and ties in with personal resource management. Students will learn the basis of our economic environment, and business operations including government in our global economy and small business management. The class combines concepts with practical applications to real world situations. Students will be prepared to make decisions as consumers, wage earners, and citizens within the economy.

Introduction to Accounting – 8003

Grade: 10-12

Credit: .5

Prerequisite: Introduction to Business

Fee: Workbook

Accounting is the language of business, which is the process of recording, classifying, and summarizing financial information. Financial understanding of assets, liabilities, owner's equity, revenues, and expenses are covered for a service business and a merchandising business. Financial papers (journals, ledgers, balance sheets, income statements, worksheets, and trial balance) are covered for both types of business. Use of cash receipt subsystems, cash payment subsystems, purchase subsystems, sales subsystems, and payroll subsystems are also covered. The ability to work on a continuous flow with the intentions of relating one area of concentration to another is needed. *Students may be required to purchase a workbook for this course.*

Entrepreneurship - 8353

Grade: 9-12

Credit: .5

Prerequisite: Introduction to Business

Fee: none

Students will answer essential questions about how to be an entrepreneur in a business they can start or own and as an associate for a company or organization. The qualities and characteristics that make one successful will be examined. Students will complete projects, which include interviews and presentations as well as a small business plan.

** Business Education program offerings may be adjusted based on student interest or program development.

PROJECT LEAD THE WAY

Project Lead the Way is a nationwide non-profit organization dedicated to increasing the quality and quantity of science and technology graduates in the United States. PLTW's graduates are expected to understand technology as a tool for problem solving, have a broad-based understanding of the underlying methodology of science processes, be well prepared for the rigorous college curriculum, understand, apply, analyze and design technological systems, select an appropriate technology system for a task and apply it, understand the principles of mathematics, demonstrate effective communication of information and solutions, and possess the skills necessary to work in teams effectively.

FLOW CHART

| | 9 | 10 | 11 | 12 |
|---|-----------------------------|--|---|---|
| Appropriate for the student planning to work, attend a 2-year or Technical School. | Intro to Engineering Design | Intro to Engineering Design Principles of Engineering | Intro to Engineering Design Principles of Engineering Civil Engineering & Architecture Digital Electronics | Intro to Engineering Design Principles of Engineering Civil Engineering & Architecture Digital Electronics Engineering Design and Development |
| Appropriate for the 4 year College bound student. | Intro to Engineering Design | Intro to Engineering Design Principles of Engineering | Intro to Engineering Design Principles of Engineering Civil Engineering & Architecture Digital Electronics | Intro to Engineering Design Principles of Engineering Civil Engineering & Architecture Digital Electronics Engineering Design and Development |

Intro. to Engineering Design - 8153

Grade: 9 - 12

Credit: 1

Prerequisites: none

Fee: none

Using 3-D computer modeling software, students learn the engineering design process, and they solve problems as they develop, analyze, and create product models. Intro. To Engineering Design is one of the four classes included in the Project Lead the Way curriculum. Project Lead the Way is a national non-profit organization established to help schools give students the knowledge they need to excel in high-tech fields, such as engineering.

Civil Engineering & Architecture - 8173

Grade: 10-12

Credit: 1

Prerequisites: Principles of Engineering

Fee: none

This course provides an overview of the fields of Civil Engineering and Architecture, while emphasizing the interrelationship and dependence of both fields on each other. Students use state of the art software to solve real work problems and communicate solutions to hands-on projects and activities. This course covers topics such as: The Roles of Civil Engineers and Architects, Project Planning, Site Planning, Building Design, Project Documentation and Presentation.

Engineering Design and Development-8193

Grade: 11-12

Credit: 1

Prerequisites: Introduction to Engineering Design, Principles of Engineering, Digital Electronics

Fee: none

This is an engineering research course in which students work in teams to research, design and construct a solution to an open-ended engineering problem. Students apply principles developed in the two preceding courses and are guided by a community mentor. They must present progress reports, submit a final written report and defend their solutions to a panel of outside reviewers at the end of the school year.

Digital Electronics - 8133

Grade: 10-12

Credit: 1

Prerequisites: Principles of Engineering

Fee: none

This is a course in applied logic that encompasses the application of electronic circuits and devices. Computer simulation software is used to design and test digital circuitry prior to the actual construction of circuits and devices.

Principles of Engineering – 8163

Grade: 10-12

Credit: 1

Prerequisites: Introduction to Engineering Design; or B+ or better in Physical Science, Algebra I, or Geometry

Fee: none

Through problems that engage and challenge, students will explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

VOCATIONAL

The NLHS Vocational Department is divided into three sections: Family and Consumer Sciences; Agriculture, Food, and Natural Resources; and Work Programs.

FAMILY & CONSUMER SCIENCES

Career Research I - 7183

Grade: 9-12

Credit: .5

Prerequisites: none

Fee: \$7.50

Students will develop, implement, and periodically review and revise a career blueprint in the context of other life choices and changing employment trends, societal needs and economic conditions. The blueprint will include educational plans supportive of their personal and career goals. It will also include supportive extra-curricular and community activities and work experience. Students will analyze and document personal interests, talents, skills, aptitudes and values in relation to career options. They will plan for development of core employability skills needed by all students to succeed in school and by all workers to succeed in the workplace.

Financial Management I - 7203

Grade: 9 - 12

Credit: .5

Prerequisites: none

Fee: \$7.50 & workbook

Students will develop attitudes and skills to achieve personal financial wellness. They will learn the implications of sound financial decision making, appropriate use of credit, financial institutions, adequate insurance and their impact on personal and workplace financial wellness. Students will learn the inter-relationships between values, spending decisions, income and education. They will be able to use and evaluate technology for financial purposes, avoiding financial fraud. They will address public policy as it relates to family financial well-being.

Life Skills – 7173

Grade: 9-12

Credit: .5

Prerequisites: none

Fee: \$7.50

Students will integrate management principles that will lead to more productive and meaningful lives. Students assume increasing responsibility for their own growth and development. They analyze their personal assets and plan strategies to increase these assets that make them caring, healthy, confident, and responsible people. Goal setting, planning and time management skills will be applied in reference to the family and workplace. Students will develop an understanding of the causes and implications of all types of stress and will build their capacity to address stress and cope with changes. Students will develop and extend their thinking on the changes in gender roles and responsibilities and their impact on the home and work. Students will learn the importance of accepting responsibility for the management of personal, family and environmental resources. This class will include a sewing project.

Healthy and Safe Food - 7193

Grade: 9 - 10

Credit: .5

Prerequisites: none

Fee: \$ 7.50

Students acquire the knowledge and skills necessary to become informed and safe consumers and handlers of food. They evaluate information related to advances in food technology, nutrition and safety. Students will master the skills required to safely prepare and store food, reducing the risk of food borne illness. Students will evaluate the impact of consumer choice on the environment and the global community.

Healthy Living - 7213**Grade: 11 - 12****Credit: .5****Prerequisites: none****Fee: \$7.50**

Students gain knowledge and skills in acquiring and practicing a healthy lifestyle using dietary guidelines that will reduce the risks of chronic disease and unsafe habits. They gain competence to differentiate methods of weight loss and learn reliable resources regarding food and beverage selection. Students will understand the cultural, family, community and economic implications of obesity, healthy weight and lifestyle.

Child Development - 7223**Grade: 9 - 12****Credit: .5****Prerequisites: none****Fee: \$7.50 & workbook**

Students will discover the needs of infants and young children and how parents and childcare providers can meet those needs for healthy growth and development. Students will recognize the factors that impinge on parents. Students are able to recognize differences in individuals, cultures, circumstances, and growth and development rates to meet the needs of growing children. Childcare providers will meet the needs of children by recognizing standards set for childcare that is most likely to meet the healthy growth and development of children.

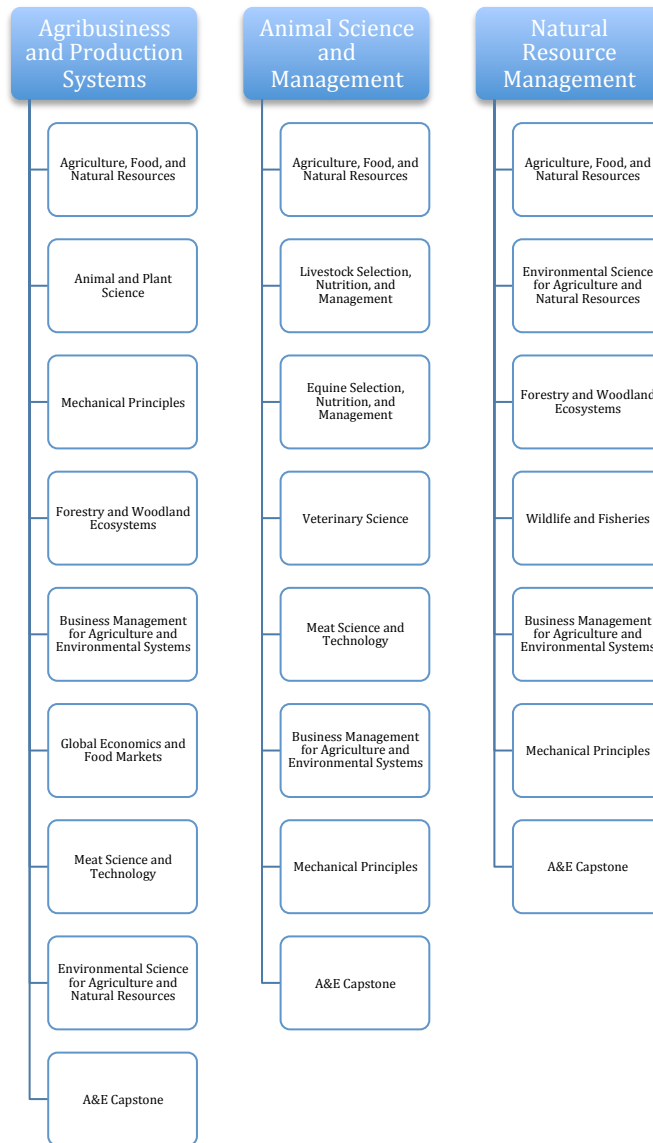
AGRICULTURE, FOOD, and NATURAL RESOURCES

Agriscience today is more than the science of production agriculture. It is a wide and varied field consisting of production agriculture, agricultural mechanics, welding, small engines, woodworking, animal science, crop science, environment management, landscaping, horticulture, forestry, conservation, outdoor recreation, leadership skills and many other related areas.

The New Lexington Agriscience / Agribusiness curriculum is designed to try to meet the needs of the students in our community. Many of our students, according to past records, will become part-time agriculturists working off the farm for the major portion of their income. Approximately one out of every five jobs in the United States is related to agriculture. Therefore, our curriculum will be geared to emphasize mechanical skills, applied science and related math which will be useful in the shops and factories as well as in the fields of agriculture and related occupations.

Agriculture, Food, and Natural Resources Pathways

Each student enrolled in the New Lexington High School agriculture program is encouraged to pursue a pathway, which requires a student to complete a minimum of four Webxam-tested courses in a given pathway. The following pathways are available at New Lexington High School:



Description of Units

All students are going to be required to do a minimum of 10 hours of community service, as well as complete a job placement; animal, plant, exploratory, research, **and/or** improvement project. FFA participation will be an integral part of the student's grade. The instructors will use these projects, as well as classroom grades, FFA participation, and cooperation with other students as criteria for selecting students for future agriscience programs. New Lexington High School is presently working on Dual Enrollment with Hocking College to allow college credits to be earned in specific associate degree programs based upon successful completion of certain agriculture classes.

Agriculture, Food, and Natural Resources – 7903

Credits: 1.25, with .5 being used as science credit as long as the student has already taken a physical science and biology.
Possible dual-enrollment credit with Hocking College.

Grade: 9

Prerequisites: None

Fee: \$25.00

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

Animal and Plant Science - 7823

Credits: 1.25, with .5 being used as science credit as long as the student has already taken a physical science and biology

Grade: 10-12

Prerequisites: none

Fee: \$25.00

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

Business Management for Agricultural and Environmental Systems (Ag. Business) - 7933

Credits: 1.25

Grade: 11-12

Prerequisites: none

Fee: \$25.00

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Agriculture Business Work / Capstone - 7803

Credits: 2 credits

Grade 12

Prerequisites: Must be enrolled in another Ag. class as well as obtain at least 450 hours of work for one year.

Fee: \$25.00

For agricultural business work, the student will be released to work in an instructor approved agriculture business. Students must work a minimum of 70 hours per nine week grading period. A savings account is required as well as record books.

Livestock Selection, Nutrition, and Management - 7943

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology.

Possible dual-enrollment credit with Hocking College.

Grade: 11-12

Prerequisites: none

Fee: \$25.00

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations.. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

Agricultural and Environmental Systems Capstone –(Advanced Shop) - 7953

Credits: 1.25

Grade: 11-12

Prerequisites: Must be enrolled in at least one other Ag. class simultaneously.

Instructor permission required.

Fee: \$25.00

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

Environmental Science for Agriculture and Natural Resources - 7094

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology. Dual-enrollment credit with Hocking College. This is an upper level environmental science class.

Grade: 11-12

Prerequisites: none

Fee: \$25.00

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands

will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.

Equine Selection, Nutrition, and Management - 6993

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology.

Possible dual-enrollment credit with Hocking College.

Grade: 11-12

Prerequisites: Instructor approval

Fee: \$25.00

Students will identify and apply responsible animal science principles and management practices to equine populations. Topics will include equine nutrition, selection, reproduction and facility design and management. They will apply knowledge of equine science to enhance animal growth, enrichment and training, along with providing educational and visitor engagement programs. Throughout the course, students will develop management plans that reflect the classification of animals and follows best practices for care and legal compliance.

Veterinary Science - 6963

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology. This is an upper level science class.

Grade: 11-12

Prerequisites: None

Fee: \$25.00

Students will learn causes, symptoms, and treatment of common diseases with special emphasis on developing preventative health management plans and breeding programs. Topics include veterinary pharmacology, radiology and imaging techniques, principles of surgery, safe laboratory skills, and the concepts of ethics and professionalism in the work place. Students will develop skills in inquiry and statistical methods. Throughout the course, learners will utilize principles of technology to manage information systems, and research issues affecting the industry.

Mechanical Principles - 7803

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology. Dual-enrollment credit with Hocking College. This is an upper level science class.

Grade: 11-12

Prerequisites: Instructor approval only

Fee: \$25.00

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, building construction, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Global Economics and Food Markets - 7833

Credits: 1.25

Grade: 11-12

Prerequisites: none

Fee: \$25.00

Students will examine economic principles related to agriculture, food, and natural resources along with the operation and use of commodity futures and option markets. Students will learn economic principles with emphasis on their application to the solution of agricultural industry problems. They will examine future exchanges and commodity futures contracts, hedging strategies, as well as put and call options. Throughout the course, students will become familiar with the causes and consequences of economic growth, globalization and development.

Meat Science and Technology - 7813

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology.

Grade: 11-12

Prerequisites: none

Fee: \$25.00

Students will apply food chemistry and microbiology to processing, preservation, packaging, storage and marketing of meat products. Students will design and implement a quality assurance program that meets legal compliance and demonstrates knowledge of safe operation and maintenance of equipment and facilities. Students will evaluate carcass composition, assign quality grades, and examine

valued-added products. Throughout the course, students will demonstrate customer service and sales techniques while understanding the scope and importance of business and safety regulations.

Forestry and Woodland Ecosystems - 7843

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology.

Possible Dual-enrollment credit with Hocking College. This is an upper level science class.

Grade: 11-12

Prerequisites: Instructor approval

Fee: \$25.00

Students will apply principles of botany, dendrology and silviculture to the management of forests and forest ecosystems. They will apply principles of timber cruising with surveying and mapping techniques to take forest measurements. Learners will develop the knowledge and skills necessary for forest reforestation, timber stand improvement, timber harvesting and forest product utilization. Learners will operate and maintain forestry equipment, apply fire management practices, and understand related regulations, laws, and policy issues.

Wildlife and Fisheries - 7863

Credits: 1.25, with 1.0 being used as science credit as long as the student has already taken a physical science and biology.

Possible Dual-enrollment credit with Hocking College.

Grade: 11-12

Prerequisites: none

Fee: \$25.00

Learners will apply the principles and practices of resource conservation and management to fish and wildlife populations. Students will learn proper wild animal handling techniques, principles of wildlife nutrition, inventory practices, water quality parameters and testing, and natural and artificial propagation. Learners will apply principles of facility design and layout for managing fish populations. Throughout the course, learners will research and evaluate the impacts of various land practices, legislation, and human activities on habitats and populations.

WORK PROGRAMS

FLOW CHART

| | 9 | 10 | 11 | 12 |
|---|------------|------------|----|----|
| Appropriate for the student planning to work, attend a 2-year or Technical School. | W.E.C.E.P. | W.E.C.E.P. | | |

WECEP Connections & Job 7303 & 7313

Grade: 9 – 10

Credit: 3

Prerequisites: none

Fee: none

This is a vocational work experience designed to meet needs of socially, academically, or economically disadvantaged students. The work experience will consist of a school based work site. This course is limited to twenty people, who are selected for the course. Students may sign up for the course, but admittance is by selection only. WECEP II is offered to students who have successfully completed WECEP I and meet requirements to remain in the program. Credits are earned by participation in a WECEP class and job hours. Work credit is determined as 120 clock hours of work equals 2 credits. In addition, students can receive 1 credit for the WECEP Related course. This is presently under review by the State committee and is subject to change.

Vocational Work Adjustment I ASG – 7733

Grade: 12

Credit: 1-3

Prerequisite: Transition plan for employment

Fee: none

This course is designed for seniors who plan on entering the work force. Work credit will be determined by 60 hours of work equaling one credit earned. Students are selected by teacher, counselor and administrative recommendations.

Early Release - early/Late Arrival - late

Grade: 11 – 12

Credit: 0

Prerequisites: see below & application

Fee: none

An early release/late arrival option is available for students that meet the criteria listed below. If

you meet requirements and are interested in participating in the program, you need to complete the application (available in the office). **In order to be considered for participation, this form MUST be turned in with your scheduling materials during arena scheduling.**

- ✓ Pass all parts of the OGT
- ✓ Students must have 13 credits at the beginning of their junior year or students must have 18.5 credits at the beginning of their senior year
- ✓ Minimum GPA of 2.5
- ✓ Own transportation to and from school
- ✓ Parent permission
- ✓ Can not be enrolled in a study hall if they participate in ER/LA
- ✓ Student athletes must meet athletic eligibility requirements
- ✓ No more than 5 tardies (to school) the year prior of participation
- ✓ No more than 5 absences the year prior of participation (doctor's notes permit exception)
- ✓ No discipline referrals for *skipping class or skipping school*
- ✓ Can only participate in one option (Early Release or Late Arrival)
- ✓ **Must** sign in daily at the front office
- ✓ Privilege may be revoked if student GPA drops below a 2.5 during any given quarter or if student has more than one tardy (to school) per quarter

**Principal may approve students with extenuating circumstances into the program.*

Early College High School (ECHS) (ROCHS/Straight A)

The Early College High School Initiative provides students the opportunity to receive a high school diploma and an Associate degree or up to 30 semester hours of college credit, by taking a mixture of high school and college classes. This differs from dual enrollment as dual enrollment students are enrolled in a traditional high school and take college classes whereas Early College take high school classes in preparation for full college workloads. At Early Colleges, students also have less high school classes because some of their college classes replace their high school classes

Students signing up for Early College High School classes will have the opportunity to make their own schedule based on the bell schedules at NLHS, Crooksville, Morgan, and other nearby schools. For example, if a student wants to take a class that is offered at Morgan at 10:30 am, students will need to create a schedule that will allow them to “jump back in” to the bell schedule at NLHS.

For a full list of course offerings available through Early College High School, ROCHS, and Straight A, please see a school counselor.