

*NEW LEXINGTON
HIGH SCHOOL*



**COURSE OFFERINGS BOOK
2022-2023**



New Lexington High School

2547 Panther Drive NE
New Lexington, OH 43764
740-342-3528 (Phone)
740-342-4765 (Fax)



Tony Thorngate
Principal

Anthony Stephens
Assistant Principal/Athletic Administrator

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,

Tony Thorngate

Principal

SECTION 1: THE SCHEDULING PROCESS	4
A. SCHEDULING PROCESS/PROCEDURES	4
B. SCHEDULING TIMELINE	4
C. SELECTING COURSES TO ACHIEVE YOUR GOALS	5
D. SCHEDULE CHANGES	5
SECTION 2: CURRICULUM OPPORTUNITIES	6
A. NLHS GRADUATION REQUIREMENTS	6
B. NLHS GRADUATION PATHWAYS	6-7
C. LONG TERM PLANNING	8
D. GRADE ASSIGNMENT	8
E. TRI COUNTY CAREER CENTER	9
F. COLLEGE CREDIT PLUS	10
CURRENT COLLEGE CREDIT PLUS OFFERINGS	11
G. NEW LEXINGTON PATHWAYS	12-13
H. ELIGIBILITY FOR ALL EXTRACURRICULAR ACTIVITIES	14
I. NCAA FRESHMEN – ELIGIBILITY STANDARDS	14-16
STUDENTS INTERESTED IN NCAA DIVISION I OR DIVISION II ATHLETICS	15
NCAA ACADEMIC ELIGIBILITY STANDARDS	16
J. CREDIT RECOVERY	17
K. CREDIT FLEXIBILITY OPTION	17
SECTION 3: STATE OF OHIO REQUIREMENTS	18
A. NEW HIGH SCHOOL GRADUATION REQUIREMENTS (BEGINNING WITH THE CLASS OF 2021)	18
B. ALTERNATIVE PROVISIONS FOR GRADUATION	18-19
C. ADVANCED WORK PRIOR TO 9 TH GRADE	19
D. DIPLOMA WITH HONORS	20
E. OHIO CORE CURRICULUM REQUIREMENTS	21
SECTION 4: NLHS ACADEMIC HONORS	22
A. NATIONAL HONOR SOCIETY	22
B. TOP TEN AND VALEDICTORIAN/SALUTATORIAN	22
CURRICULUM SECTIONS	
ENGLISH LANGUAGE ARTS	23-29
MODERN LANGUAGES	30-31
VISUAL PERFORMAMCE, ARTS & HUMANITIES	32-35
MATHEMATICS	36-42
PHYSICAL EDUCATION & HEALTH	43
SCIENCE	44-47
SOCIAL STUDIES	48-52
INFORMATION TECHNOLOGY	53-55
VOCATIONAL	56-63
FAMILY & CONSUMER SCIENCES	56-57
AGRICULTURE, FOOD, AND NATURAL RESOURCES	57-61
WORK PROGRAMS	62

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 his or her teachers. **Reminder** – There are eight periods in a day and you must register for a minimum of seven courses. Students' teachers will recommend appropriate placement for core courses (English, Science, Math, and Social Studies). In addition, parents are required to sign the registration form indicating their approval for the courses that have been recommended and/or selected. Parents will have the right dispute their child's course placement.
4. **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.**
5. 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

	Timeline	Process	Responsibility
① Gather Data	February	Courses are selected by each student.	Student, Parent & Teacher
Verification of Student Requests (accuracy check)	February	Each student will have teachers verify course requests.	Student, Teacher & Parent
② Create Sections	March	Numbers of student requests is totaled and sections are created.	Administration & Counselors
Create Master Schedule	March	Numbers of sections are created for each course based on teacher availability.	Administration, Counselors & Staff
Create Schedule	March-April	Student schedules are built based on course request and master schedule compatibility.	Students, Parents, Administration, Counselors & Staff
③ Schedule Conflicts Corrected	May- August	Master schedule is reviewed, classes are balanced, and conflicts are 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 do you like? (Check out www.OhioMeansJobs.com if you're not sure.)
- ✎ Ability – What you can do well?
- ✎ Realism – Do your current grades/effort support your choice?
- ✎ Teachers – Consider recommendations and the guidance of 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.**

After the first 2 weeks of a semester, 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 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 two weeks of the course. **There will be no exceptions unless students meet the qualifications listed above.**

*If a student elects to drop after the 2 week deadline, they will be **issued an F** for the class unless they meet one of the approved reasons for dropping.

Section 2: Curriculum Opportunities

A. NLHS Graduation Requirements

Twenty-one (21) credits are required 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 earn a minimum of 18 graduation points from end-of-course tests in Math, English, Science, and Social Studies, or must meet the alternative pathways set forth by the state.

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) or 2 full seasons of a sport in high school
Fine Arts	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 yearlong courses will be credited by year, not by semester. No half credit will be given to those who pass or complete only one semester.

B. NLHS Graduation Pathways

In order for students to 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.

Vocational/Pre-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 through their Workforce Development program.

GRADUATION 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 level.

COLLEGE PREPARATORY*

English Adv/Honors/CCP	4 credits
Science Advanced/CCP	3 credits
History Advanced/CCP	4 credits
Modern Language**	2-4 credits
Math Adv/Honors/CCP/AP	4 credits
Health & Phys. Ed.	1 credit
Fine Arts	1 credit
Electives	<u>varies</u>
	21 credits

VOCATIONAL (NLHS)

English CP/Adv	4 credits
Science CP/Adv	3 credits
History CP/Adv	4 credits
Math CP/Adv	4 credits
Health & Phys. Ed.	1 credit
Fine Arts	1 credit
Electives	<u>varies</u>
	21 credits

PRE-VOCATIONAL (TRI-COUNTY - GRADES 9-10)

English CP	2 credits
Science CP	2 credits
Social Studies CP	2 credits
Mathematics CP	2 credits
Health & Phys. Ed.	1 credit
Electives	<u>Varies</u>

*Students should review Honors Diploma, Top Ten, and Valedictorian/Salutatorian information when selecting courses

**Competitive universities suggest that students have 3-4 credits of modern language. Neither the State of Ohio nor New Lexington City Schools have a modern language requirement for graduation.

C. Long Term Planning

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

9th Grade

English	1.00 credit
Math	1.00 credit
Science	1.00 credit
Social Studies	1.00 credit
Health	0.50 credit
Phys. Ed.	0.25 credit
Electives	2.00 credit

10th Grade

English	1.00 credit
Math	1.00 credit
Science	1.00 credit
Social Studies	1.00 credit
Phys. Ed.	0.25 credit
Electives	2.50 credit

11th Grade

English	1.00 credit
Math	1.00 credit
Science	1.00 credit
Social Studies	1.00 credit
Electives	3.00 credit

12th Grade

English	1.00 credit
Math	1.00 credit
Economics	0.50 credit
Social Studies Elective	0.50 credit
Electives	4.00 credit

- Electives must include (at sometime in the 4 years) 1 Full credit or two 1/2 credits of Fine Art.
- 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.
- Student who do 2 full seasons of a sport in high school will be exempt from needing PE, but will still be required to take Health.
- Please refer to content area flow charts for specific course selection based on course offers and pathways.

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

D. Grade Assignment

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

E. Tri County Career Center

Students have the option of attending Tri-County Career Center (TCCC) throughout their 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 credits at the end of their sophomore year. These credits should include 2 English, 2 Math, 2 Science, 2 Social Studies, 0.5 Physical Education, and 0.5 Health (these classes **ARE NOT OFFERED** at Tri-County). 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.

TCCC Programs of Study

Auto Body Technology
Auto Service Technology
Building and Property Trades
Computer Tech Academy
Construction Trades
Cosmetology
Criminal Justice and Law Enforcement
Culinary Arts
Diesel/Ag Technology
Digital Marketing & Graphic Design
Early Childhood Education
Electrical Trades
Fashion and Marketing
Firefighter/EMS
HVAC/Plumbing
Hospitality Services
Medical Professions
Networking
Nursing Technology
Power Line Technology
Project Search
Retail/Office
Sports Journalism and New Media
Sports Medicine
Teacher Academy
Welding Technology

All sophomores will have the opportunity to visit Tri-County through a school-wide field-trip during the winter/spring of their sophomore year.

Check out Tri-County's website at tri-countyhightech.com or apply online at:

<https://docs.google.com/forms/d/e/1FAIpQLSfGBtTfJ78PRupRBeaAmh5ERhADR3GzkLONjlnv8c27mP8sQQ/viewform>

F. College Credit Plus

New Lexington High School offers programs in which students can earn college credits while still in high school. Prior to March 1st of each year, all students enrolled at NLHS will be notified of these programs. The high school must be notified in writing of the student's intent to participate in any program by April 1st with many college application deadlines for the program May 1st. Any interested student should attend the mandatory informational meeting explaining these programs as well as potential requirements to earn placement into these programs.

House Bill 487 has established the Advanced Standing Program to give qualified students the opportunity to enroll concurrently in college courses while still in high school. Students may enroll in college for high school and/or college credit if the following conditions are met:

1. The student is enrolled in high school.
2. The student has applied for and been accepted by an approved college, having scored high enough on college placement tests (if required by the college).
3. The student has registered for courses using procedures established by New Lexington City Schools and the college.

Students may choose at the time of enrollment to receive both high school and college credit. Colleges and universities enrolling students will be reimbursed each July as determined by an established formula for tuition, fees, textbooks, and materials.

NLHS will seek reimbursement from a student or a student's parent for failed courses under this program, unless the student is identified as economically disadvantaged by the school and was not expelled. This include students who receive a failing grade due to the "class-drop" process of non-attendance. Students taking CCP courses will be graded on an equivalent scale as Honors and Advanced Placement Courses (5.0 GPA scale). NLMS students (grades 7-8) are eligible for the CCP program and should talk to the NLMS guidance counselor for further information.

WHAT'S CHANGING IN OHIO EDUCATION

College Credit Plus began in the 2015- 2016 school year, College Credit Plus will be Ohio's dual enrollment program.

What is it?

Eligible students can take a course and earn high school and college credit that appears on both their high school and college transcripts. Teachers who teach a College Credit Plus course in a high school must receive professional development and be an adjunct professor at a college or university. All courses offered through College Credit Plus, even courses offered in the high school, must be the same course that the college offers. The course must apply to a degree or professional certificate. College Credit Plus replaces the Post Secondary Education Option, also known as PSEO, and redefines "alternative dual enrollment" programs as advanced standing programs.

Why?

Ohio needs more students who graduate college- and career- ready. College Credit Plus increases access for students who have not taken full advantage of the opportunity to earn college credits while in high school.

Where?

The student is enrolled in both high school and college and can attend the class in any setting arranged by the college.

Who?

Ohio public school districts and Ohio public colleges and universities must participate in College Credit Plus. Nonpublic high schools and colleges or universities may choose to participate. To be eligible, students must meet the admission standards of the participating college or university to which they apply for enrollment. Passage of the Accuplacer test and admission to the college will be required.

How does a student get started?

All participating public and private high schools, colleges and universities must promote College Credit Plus opportunities on their websites. Additionally, schools will hold an annual informational event for students and parents.

Cost:

There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. The high school and college (or university) share the cost for the course. Students choosing to enroll in a participating private college or university might incur costs. However, if a student fails a class, the school will ask for reimbursement of tuition for that class.

Current College Credit Plus Offerings

Students enrolled at New Lexington High School can take a variety of College Credit Plus advanced standing courses in one of several formats: either on-site at New Lexington High School, on-site at a nearby college or university, or online through a college or university.

Current offerings on-site at New Lexington High School:

- English Language and Composition CCP
- English Literature and Composition CCP
- Biology CCP
- Anatomy and Physiology I and II CCP
- Government and Politics CCP
- Psychology CCP
- Advanced Art Design CCP
- Environmental Science for Agriculture and Natural Resources CCP
- Mechanical Principles (Welding) CCP
- Chemistry CCP
- Microsoft Office CCP
- JavaScript CCP
- Physics CCP
- Marketing CCP
- Intro to Business Management CCP
- Small Business Management (Entrepreneurship) CCP
- Criminal Justice CCP
- Online Speech CCP
- Statistics CCP
- Trigonometry CCP
- College Algebra CCP

Students can also enroll in courses at local universities or colleges, or for other online programs. Typically, the deadline for application for these programs is May of each year. If you are interested in attending coursework at a college or university, or completing online college or university coursework, please speak to a guidance counselor as soon as possible.

G. New Lexington Pathways

New Lexington High School is working with Hocking College to build partnerships to foster improved and seamless pathways as students move from high school to college. New Lexington High School is providing pathways to complete their first year of college at New Lexington High School at no cost to the students and parents. These College Credit Plus Pathways provide students the opportunity to earn free college credit while a student is in high school, but will also count towards necessary college courses in specific pathways.

The current pathways available at NLHS are:

**Indicates courses offered at NLHS through our CCP program*

Agroecology Pathway

Courses Needed:

Introduction to Agroecology
Animal Husbandry
Environmental Science*
Agroecology Entrepreneurship
Introduction to Welding*
Psychology*
Dendrology
Dendrology Lab
English Composition I*
General Biology*

Possible Careers:

Community Supported Agriculture Manager
Urban Agriculture Director
Agriculture Technician
Agriculture Inspector
Organic Farm Certification Specialist
Small and Mid-Size Farm Management
Food System Development

Associate of Science Degree

Courses Needed:

Cornerstone
Introduction to Sociology
Speech
Basic Nutrition
Environmental Science*
Psychology *
Marketing *
Accounting I
College Algebra*
English Composition I*
American Government and Politics*
Advanced Art Design *
Anatomy & Physiology I*
Anatomy & Physiology II*

Natural Resources Pathway

Courses Needed:

Environmental Science*
Introduction to Welding*
Psychology*
Dendrology
Dendrology Lab
English Composition I*
General Biology*

Possible Careers:

Wildlife Resources Management
Natural Resources Law Enforcement
Fish Management & Aquaculture Sciences
Forest Management
Natural and Historical Interpretation
Ecotourism and Adventure Travel

Introduction to Ethics
Statistics*

Principles of Microeconomics
Western Civilization & Culture
Cultural Anthropology
English Composition II
Business Calculus
Trigonometry*

Possible Careers:

The Associate of Science Degree enables students to fulfill undergraduate general education requirements to pursue 4-year degree programs and is also recommended for students who are undecided

Business Degree Pathway

Courses Needed:

Microsoft Office*
Small Business Management*
College Algebra
English Composition I*
Marketing*
Speech
Statistics*
Microeconomics
Accounting

Possible Careers:

Accounting Assistant
Accounting Receivable Clerk
Auditor
Billing Clerk
Bookkeeper
Business Manager
Management Trainee
Payroll Clerk

Criminal Justice Pathway

Courses Needed:

Criminal Justice Systems*
English Composition I*
Cornerstone
General Sociology
Ethics in Criminal Justice Systems
Constitutional, Criminal & Civil Law
Applied Mathematics...or
Statistics*
Psychology*
Criminology
Juvenile Delinquency
Crime Scene Investigation

Possible Careers:

Police Officer
Probation Officer
Bailiff
Court Personnel
Victims Advocate
Security Officer
Corrections Officer
Correctional Staff

Health Pathway

Courses Needed:

Cornerstone
Medical Terminology
English Composition I*
Anatomy & Physiology I*
Statistics*
Psychology*
Basic Life Support (CPR)/BFA
Anatomy & Physiology II*
Speech
Chemistry*
STNA (Offered at Perry Campus)

Possible Careers:

Dental Hygienist
Emergency Medical Services
Fitness Management
Health Information Management
Laboratory Sciences
Massage Therapy
Medical Assistant
Physical Therapist Assistant
Registered Nurse

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.

All Athletic Eligibility is based on New Lexington's Athletic Code of Conduct and Ohio High Schools Athletic Association guidelines

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).

I. NCAA Freshmen – Eligibility Standards

Students Interested in NCAA Division I or Division II Athletics

Please consider the following timeline of activities if you are interested in participating in NCAA Division I or Division II collegiate athletics:

Grade 9

Ask your counselor for a list of NLHS's NCAA core courses to make sure you take the right classes.

Grade 10

Register with the NCAA Eligibility Center at www.eligibilitycenter.org.

Grade 11

Check with your counselor to make sure you will graduate on time with the required number of NCAA core courses. Take the ACT or SAT and submit your scores to the NCAA using code 9999. At the end of the year, ask your counselor to upload your official transcript to the NCAA Eligibility Center.

Grade 12

Finish your last NCAA core courses. Take the ACT or SAT again, if necessary, and submit your scores to the NCAA using code 9999. Complete all academic and amateurism questions in your NCAA Eligibility Center account at www.eligibilitycenter.org. After you graduate, ask your counselor to submit your final official transcript with proof of graduation to the NCAA Eligibility Center.

NCAA Academic Eligibility Standards

Division I

- Complete 16 core courses from the Approved Course List
 - 4 years of English
 - 3 years of Math (Algebra 1 or higher)
 - 2 years of Science (Natural/Physical)
 - 1 additional year of English, Math, or Science
 - 2 years of Social Science
 - 4 additional years of English, Math, Science, Social Science, Foreign Language, Comparative Religion, or Philosophy
- Earn at least a 2.3 GPA in your core courses
- 7 of the 10 core courses must be in English, Math, or Science
- 10 of 16 must be completed by senior year.
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division I sliding scale. (Anything below 2.3 GPA on the sliding scale qualifies as Academic Redshirt only.)

******The courses MUST BE listed on the NCAA Approved Courses List available on the website, or picked up in the office******

DIVISION I		
FULL QUALIFER SLIDING SCALE		
Use beginning August 1, 2016		
Core GPA	SAT Reading/Math	ACT Sum
3.550	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	60
2.700	740	61
2.675	750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840	70
2.425	850	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75

Division II

- Complete 16 core courses
 - 3 years of English
 - 2 years of Math (Algebra 1 or higher)
 - 2 years of Science (Natural/Physical)
 - 3 additional years of English, Math, or Science
 - 2 years of Social Science
 - 4 additional years of English, Math, Science, Social Science, Foreign Language, Comparative Religion, or Philosophy
- Earn at least a 2.2 GPA in your core courses
- Earn an SAT combined score or ACT sum score matching your core-course GPA on the Division II sliding scale.

******The courses MUST BE listed on the NCAA Approved Courses List available on the website, or picked up in the office******

DIVISION II		
FULL QUALIFIER SLIDING SCALE		
Use beginning August 1, 2018		
Core GPA	SAT Reading/Math	ACT Sum
3.300 & Above	400	37
3.275	410	38
3.250	420	39
3.225	430	40
3.200	440	41
3.175	450	41
3.150	460	42
3.125	470	42
3.100	480	43
3.075	490	44
3.050	500	44
3.025	510	45
3.000	520	46
2.975	530	46
2.950	540	47
2.925	550	47
2.900	560	48
2.875	570	49
2.850	580	49
2.825	590	50
2.800	600	50
2.775	610	51
2.750	620	52
2.725	630	52
2.700	640	53
2.675	650	53
2.650	660	54
2.625	670	55
2.600	680	56
2.575	690	56
2.550	700	57
2.525	710	58
2.500	720	59
2.475	730	60
2.450	740	61
2.425	750	61
2.400	760	62
2.375	770	63
2.350	780	64
2.325	790	65
2.300	800	66
2.275	810	67
2.250	820	68
2.225	830	69
2.200	840 & Above	70 & Above

J. 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 typically be scheduled to retake the given course. In exceptional cases, students may be assigned online credit recovery. 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.

K. 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.

NLHS currently has three Credit Flexibility Options:

1. Pre-Approved On-Line Coursework + Summative Assessment (Exam/Capstone)

Students who elect one of the pre-approved options will not need to submit a proposal but will need to notify a school counselor so that a Credit Flexibility Option Credit Contract meeting can be set up. Pre-approved credit flexibility courses are APEX courses. Students who elect to take APEX courses in lieu of regular courses may be required to complete a summative assessment consisting of a capstone project or course exam. All course fees are applicable as indicated in the course offerings book.

2. Test-Out/Test-Out With Project Options

All courses in the NLHS course offerings book can be considered for the "test-out" option and/or courses requiring a test(s) and other project(s). See the pre-approved course list. Course fees are applicable as indicated in the course handbook.

3. Student Proposals

Students who elect a course that is not pre-approved will need to submit a course proposal in writing to the building principal. The proposal must include:

- 1) Clearly defined goals that are tied directly to Ohio's New Learning Standards, as well as clearly described activities that will lead to successful attainment of the defined goals. Ohio's New Learning Standards are located on the Ohio Department of Education's webpage at <https://education.ohio.gov/Topics/Ohios-Learning-Standards/Ohios-Learning-Standards>
- 2) A description and rubric for how the goals will be measured against Ohio's New Learning Standards in order to provide evidence of student learning.
- 3) A timeline of proposed activities and measurements, including a target date and time for final review.

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. 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
- Biology
- American History and American Government

Students 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, biology, American history, or American government as part of Advanced Placement or CCP 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.

Juniors will also be given a free ACT in which they can meet graduation requirements by not passing the end-of-course tests if they meet remediation scores set forth by the state. These scores are: English an 18 or higher, Math a 22 or higher, and in Reading a 22 or higher.

B. Alternative provisions for graduation (for class of 2021-2022)

Students must take and pass courses that constitute the curriculum requirements and take all seven end-of-course exams. Students who have received a "1" or "2" will be required to retake the tests in order to help improve student scores. Students will also be given the opportunity to meet remediation free scores on the ACT during their junior year to help meet the graduation requirements. If students DOES NOT meet the required end-of-course minimum score, or the remediation free score on the ACT, they must show competency in other areas set forth by the state:

1. **Demonstrate Competency:** Students must demonstrate competency in math and English by passing the State's algebra 1 and English II tests. Students who have taken required tests more than once without passing and have received remedial supports are able to show competency through one of the options below:
 - Earn credit for one math and/or one English course through College Credit Plus
 - Demonstrate career readiness and technical skill through foundational and supporting options
 - Enter into a contract to enlist in the military upon graduation.
2. **Preparation for College or Careers:** Students must earn two diploma seals, one of which must be state defined, to demonstrate academic, technical and professional readiness for careers, college, the military, or self-sustaining professions:
 - State Diploma Seals
 - OhioMeansJobs Readiness Seal
 - State Seal of Biliteracy
 - Industry-Recognized Credential Seal
 - College-Ready Seal
 - Science Seal
 - Honors Diploma Seal

- Technology Seal
- Citizenship Seal
- Fine and Performing Arts Seal
- Student Engagement Seal
- Community Service Seal

Graduation Requirements for class of 2023 and Beyond

Students must take and pass courses that constitute the curriculum requirements provided from the state (21 required credits set forth from the state). Also, students in the class of 2023 and beyond will be required to meet the permanent requirements in order to graduate. The permanent requirements are listed below:

1. **Demonstrate Competency:** Students must demonstrate competency in math and English by passing the State’s algebra 1 and English II tests. Students who have taken required tests more than once without passing and have received remedial supports are able to show competency through one of the options below:
 - Earn credit for one math and/or one English course through College Credit Plus
 - Demonstrate career readiness and technical skill through foundational and supporting options
 - Enter into a contract to enlist in the military upon graduation.
2. **Preparation for College or Careers:** Students must earn two diploma seals, one of which must be state defined, to demonstrate academic, technical and professional readiness for careers, college, the military, or self-sustaining professions:
 - State Diploma Seals
 - OhioMeansJobs Readiness Seal
 - State Seal of Biliteracy
 - Industry-Recognized Credential Seal
 - College-Ready Seal
 - Science Seal
 - Honors Diploma Seal
 - Technology Seal
 - Citizenship Seal
 - Fine and Performing Arts Seal
 - Student Engagement Seal
 - Community Service Seal

C. Advanced Work Prior to 9th Grade

New Lexington Board of Education policy states that a high school must count such advanced work toward the graduation requirements if it was both: 1) taught by a person who possesses an Ohio educator’s license or teaching certificate that is valid for teaching high school; and 2) designated by the district board of education as meeting the high school curriculum requirements. Presently, students can earn credits for Algebra I CP, Art, Choir, and Physical Education during their 8th grade year. There are also summer opportunities for students to complete PE and Health through the 21st Century Afterschool Program (may not be offered every summer depending on staff and interest).

D. Diploma with Honors

Students must meet **all but 1** of the requirements to earn a Diploma with Honors.

Subject	High School Academic Diploma with Honors	Career-Technical Diploma with Honors	STEM/ARTS/Social Science and Civic Engagement Honors Diploma
English	4 units (per graduation req.)	4 units (per graduation req.)	4 units (per graduation req.)
Mathematics	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units/5 units for STEM including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including 2 advanced science courses	4 units, including 2 advanced science courses	3 units including 1 unit of advance science/5 units including 2 units of advance science for STEM
Social Studies	4 units	4 units	3 units/5 units for Social Science and Civic Engage.
Modern Language	3 units, including at least 2 units in each language studied	2 units of 1 language	3 units of one language, or no less than 2 units of each of 2 languages studied
Fine Arts	1 unit	Not counted toward requirements	1 unit/4 units for ART
Electives	Not applicable	4 units of Career-Technical courses	ART-2 units with focus on art Social/Civics-3 units with focus on social science/civics STEM-2 units in STEM
Grade Point Average	3.5 on a 4.0 scale (unweighted)	3.5 on a 4.0 scale (unweighted)	3.5 on a 4.0 scale (unweighted)
ACT/SAT Score	27 ACT / 1280 SAT	27 ACT / 1280 SAT/ 6 or higher on Reading for Information and 6 or higher on Applied Mathematics in WorkKeys	27 ACT / 1280 SAT
Additional Assessment	Not applicable	Earn and industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competence Assessment or equivalent	Not applicable
Field Experience	Not applicable	Complete a field experience and document the experience in a portfolio specific to the student's area of focus	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	Not applicable	Develop a comprehensive portfolio or work based on the student's field experience or a topic that is related to the student's area of focus	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus

*Writing sections of either standardized test should not be included in the calculation of this score.

Diplomas with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including:

½ unit physical education**

½ unit health

½ unit in American history

½ unit in American government

Instruction in economics and financial literacy

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

****New Lexington requires 4 social studies credits.***

Section 4: NLHS Academic Honors

A. National Honor Society

Current Requirements:

Students must have a minimum 3.3 GPA and have successfully completed 2 credits of Adv. English, Adv. Math, Adv. Science, and Adv. Social Studies. Students must also have successfully completed 2 credits of Foreign Language, OR may have successfully completed 1 credit of Foreign Language and be currently enrolled in a second credit of Foreign Language with a passing grade. The 3.3 GPA is calculated at the end of the 1st 9 weeks junior/senior year.

**Induction ceremony will be held in December for eligible juniors/seniors*

Requirements for the school year 2021-2022 ONLY:

Junior/Senior Requirements: Students must have a minimum 3.3 GPA and have successfully completed 2 credits of Adv. English, Adv. Math, Adv. Science, and Adv. Social Studies. Students must also have successfully completed 2 credits of Foreign Language, OR may have successfully completed 1 credit of Foreign Language and be currently enrolled in a second credit of Foreign Language with a passing grade. Class completion and GPA are calculated after the 2nd 9 weeks.

Sophomore Requirements: Students must have a minimum 3.3 GPA and have successfully completed 1 credit of Adv. English, Adv. Math, Adv. Science, and Adv. Social Studies AND be currently enrolled in 1 credit of Adv. English, Adv. Math, Adv. Science, and Adv. Social Studies, with passing grades. Students must also have successfully completed 1 credit of Foreign Language, OR may be currently enrolled in 1 credit of Foreign Language with a passing grade. Class completion and GPA are calculated after the 2nd 9 weeks.

**Induction ceremony will be held in February for eligible sophomores/juniors/seniors*

**Students will begin being eligible during the second semester of their sophomore year during this school year.*

Requirements beginning with the 2022-2023 school year:

Students must have a minimum 3.3 GPA and have successfully completed 1 credit of Adv. English, Adv. Math, Adv. Science, and Adv. Social Studies AND be currently enrolled in 1 credit of Adv. English, Adv. Math, Adv. Science, and Adv. Social Studies, with passing grades. Students must also have successfully completed 1 credit of Foreign Language, OR may be currently enrolled in 1 credit of Foreign Language with a passing grade. Class completion and GPA are calculated after the 2nd 9 weeks.

**Induction ceremony will be held in April for all eligible sophomores/juniors/seniors*

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 the weighted grading scale.
- B. Salutatorian: The graduating senior having the second highest grade point average, based upon the weighted grading scale. (In case of equal GPA's, co-valedictorians and/or co-salutatorians will be named.)
- C. Senior: A member of the graduating class must have obtained a minimum of sixteen and one-half (16 1/2) credits prior to the beginning of his or her 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. They must also have:
 - Two (2) credits – Advanced English
 - Two (2) credits - Same Modern Language
 - Two (2) credits - Advanced Social Studies
 - Two (2) credits – Advanced Math
 - Two (2) credits – Advanced Science

ENGLISH LANGUAGE ARTS

Pathways

College Preparatory English Language Arts Courses:

English I CP, English II CP, English III CP, English IV CP

Advanced English Language Arts Courses:

Advanced English I, Advanced English II, Advanced English III, Advanced, English IV

Honors/CCP English Language Arts Courses:

English I Honors, English II Honors, English Literature CCP, English Composition CCP

*****Students must take an English class during their Senior Year of High School.**

Course Descriptions

English I CP - 1003

State Course #: 050160

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

Fee: \$10

The course will focus on basic competencies in reading and writing. Students will work on becoming proficient on all English academic standards. Literature study will include short stories and graphic novels. Informational texts will be read constantly from various sources in order for students to be able to cite strong textual evidence to support their analysis of what the text says as well as inferences drawn from the text. Students will be required to purchase novels. Oral skills will also be developed through presentations and group work. The main emphasis of the class is providing students with strategies to help them develop higher level thinking skills to enhance their overall comprehension, understanding, and decision-making ability.

Advanced English I - 1013

State Course #: 050160

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

Fee: \$10

The course will focus on basic competencies in reading and writing. Students will work on becoming proficient on all English academic standards. Literature study will include short stories and graphic novels. Informational texts will be read constantly from various sources in order for students to be able to cite strong textual evidence to support their analysis of what the text says as well as inferences drawn from the text. Students will be required to purchase novels. Oral skills will also be developed through presentations and group work. The main emphasis of the class is providing students with strategies to help them develop higher level thinking skills to enhance their overall comprehension, understanding, and decision-making ability. Advanced is meant for students who take more initiative and responsibility of their learning in order to excel. Individual projects will give students the opportunity to showcase and enhance these traits.

English I Honors - 1343

State Course #: 050160

Prerequisites: Placement Test

Required Option

Grade: 9

Weighted Grade

Credit: 1

Fee: \$10

This course will focus on basic competencies in reading and writing. Students will work on becoming proficient on all English academic standards. Literature study will include short stories, and graphic novels. Informational texts will be read constantly from various sources in order for students to be able to cite strong textual evidence to support their analysis of what the text says as well as inferences drawn from the text. Students will be required to purchase novels. Oral skills will also be developed through presentations and group work. The main emphasis of the class is providing students with strategies to help them develop higher level thinking skills to enhance their overall comprehension, understanding, and decision-making ability. Individual projects will give students the opportunity to showcase and enhance these traits. Summer work is required. Honors is meant for students of the highest academic caliber and work ethic. It requires a high-level of maturity and self-discipline in order to be successful.

SG English I - 1703

State Course #: 050160

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

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.

ASG English I - 1603

State Course #: 050160

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

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 CP- 1023

State Course #: 050170

Prerequisites: Completion of English I CP

Required Option

Grade: 10

Graded Conventionally

Credit: 1

Fee: \$10 and purchase of novel

Using the writing process, students will explore expository, argumentative, and narrative writing. Several compositions will be written. Multidisciplinary resources will be used in writing projects. A variety of short reading selections - contemporary, classical short stories, novels, essays, plays, poems & world literature - will be analyzed and discussed in written and oral form. At least one novel will be read and analyzed. Students will be required to do oral presentations. Students will also be required to deliver speeches. Students will be required to purchase a novel. Students will be required to become familiar with and utilize various media resources to navigate classroom assignments and resources as well as

implement for classroom projects. Students will complete the membean vocabulary program daily. Student will learn note-taking strategies.

Advanced English II - 1033

State Course #: 050170

Prerequisites: Completion of English I CP or English Adv.

Required Option *Grade: 10*

Graded Conventionally *Credit: 1*

Fee: \$10 and purchase of novel

Students will compose expository and persuasive 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 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. Students will be required to become familiar with and utilize various media resources to navigate classroom assignments and resources as well as implement for classroom projects. Students will learn note-taking strategies and will be able to closely analyze fiction and non-fiction. Students will complete the membean vocabulary program daily.

Pre-CCP English- 1530

State Course #: 059999

Prerequisites: Passing grade in Adv./English I Honors , instructor permission

Required Option *Grade: 10-12*

Weighted Grading *Credit: 1*

Fee: \$10 and purchase of supplemental materials

Students in this course will build academic language resources that enable them to produce the writing and speech required by grade-level ELA standards. They will develop the close reading practices that enable them to make meaning from complex texts within their grade-level band, with a focused instructional design based on scaffolded instruction and built around embedded assessments that are back-mapped to specific standards and learning targets. Students will learn how to use a methodical approach to learning new content. They will be equipped with a range of strategies and can choose the one most suited to a particular task and their learning style. Tasks are aligned with the skills and knowledge identified in AP course descriptions. This course will prepare students for college-level work. Summer work is required for this course. The students will have the option to sit for the AP exam at the cost of the student. The course will focus on composing 3 types of essays: argumentative, rhetorical analysis, and synthesis. Students will complete the membean vocabulary poem daily.

SG English II - 1713

State Course #: 050170

Prerequisites: Passing grade in SG English I

Required Option *Grade: 10*

Graded Conventionally *Credit: 1*

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 short stories, novels, 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.

ASG English II - 1613

State Course #: 050170

Prerequisites: Passing grade in ASG English I

Required Option Grade: 10

Graded Conventionally Credit: 1

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.

Advanced English III - 1053

State Course #: 050180

Prerequisites: Passing grade in English II (Preferably Advanced)

Required Option Grade: 11

Graded Conventionally Credit: 1

Fee: \$10

This skill based 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 fiction, non-fiction, poetry, novels and short stories in both class reading and student-led project-based learning. 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 may be required to complete summer readings. This class will implement various media resources, both to create products as well as part of the learning process.

English III CP- 1043

State Course #: 050180

Prerequisites: Passing grade in English II CP

Required Option Grade: 11

Graded Conventionally Credit: 1

Fee: \$10

This skill based course will study the many famous authors of American Literature from various time periods and across all genres. Students will read the works of 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. Students will complete both prose and poetry projects using student-led learning.

SG English III - 1723

State Course #: 050180

Prerequisites: Passing grade in SG English II

Required Option Grade: 11

Graded Conventionally Credit: 1

Fee: None

Students in this course will read fiction, non-fiction, novels and short stories. Students will examine and critique themes, compare and 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 complete multiple student-led learning projects and will complete/create pieces of writing across various genres.

ASG English III - 1623

State Course #: 050180

Prerequisites: Passing grade in ASG English II

Required Option Grade: 11

Graded Conventionally Credit: 1

Fee: None

Students will examine and critique themes, compare and contrast characters, evaluate the author's point of view, and discuss readings. Students will complete projects that will facilitate their knowledge of assigned readings.

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

English IV CP- 1134

State Course #: 050190

Prerequisites: Passing grade in English III CP

Required Option Grade: 12

Graded Conventionally Credit: 1

Fee: \$10

This skill-based course will study both British and American authors from Anglo Saxon/Medieval periods through the present. Students will engage in independent reading and student-led, project-based learning. Students will also explore the complete job application process, grammar, public speaking, and the writing process. Students will be required to explore various genres and authors of British Literature. Students will be required to compose various pieces of writing across multiple genres. The purchase of a novel or subscription may be required.

SG English IV - 1733

State Course #: 050190

Prerequisites: Passing grade in SG English III

Required Option Grade: 12

Graded Conventionally Credit: 1

Fee: None

English 12 explores the complete job application process, grammar, 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 and read several genres of literature.

ASG English IV - 1633

State Course #: 050190

Prerequisites: Passing grade in ASG English III

Required Option Grade: 12

Graded Conventionally Credit: 1

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.

Advanced English IV - 1144

State Course #: 050190

Prerequisites: Passing grade in English III Adv.

Required Option Grade: 12

Graded Conventionally Credit: 1

Fee: \$10

This skill-based course will study both British and American authors from Anglo Saxon/Medieval periods through the present. Students will engage in independent reading and student-led, project-based learning. Students will also explore the complete the 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. There will also be a focus on college readiness, including writing cover letters and college essays. Students will be required to complete college and scholarship essays.

English Literature CCP - 1583

State Course #: 059930

TAG/OTM Course #: HUM 2200 (American Literature)

Prerequisites: Passing grade in English III (preferably Adv.) or English Comp CCP, instructor permission

Required Option Grade: 11-12

Weighted Grading Credit: 1

Fee: \$10, and purchase of supplemental materials

This course engages 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 advanced course, for which students will receive college credit (Hocking College) upon successful completion. Summer work will be required. Weighted grade scale applied for this course. Option to take the AP English Lit exam is available.

English Composition CCP - 1533

State Course #: 059920

TAG/OTM Course #: ENGL 1510 (English Composition I)

Prerequisites: Grade of B or better in English II or English III (preferably Adv./Honors), instructor permission

Required Option Grade: 11-12

Weighted Grading Credit: 1

Fee: \$10

This course requires skilled readers in order to study prose written in a variety of rhetorical contexts; students must also be skilled writers who compose written work for 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 advanced course, for which students will receive college credit upon successful completion. Summer work will be required. Weighted grade scale applied for this course.

ELECTIVE OPTIONS:

Acting-1323

State Course # 059999

Prerequisite: None

Elective

Grade: 10-12

Graded Conventionally

Credit: 0.5

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 part of the class grade. This class counts as an elective credit and can be taken more than once.

Technical Theater-1333

State Course # 059999

Prerequisite: None

Elective

Grade: 11-12

Graded Conventionally

Credit: 0.5

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 a school function. 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.

Tier II Reading: 1063

State Course # 050119

Prerequisite: Permission, Teacher Placement

Elective

Grade: 9-12

Graded Conventionally

Credit: 1

This course is designed to teach students effective reading strategies in order to improve reading comprehension.

Tier III Reading: 1073

State Course # 050119

Prerequisite: Permission, Teacher Placement

Elective

Grade: 9-12

Graded Conventionally

Credit: 1

This course is designed to teach students effective reading strategies in order to improve reading skills.

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

State Course #: 060265

Prerequisites: None

Elective

Grade: 9

Graded Conventionally

Credit: 1

Fee: None

Spanish I provides the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading, and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

Spanish II - 9053

State Course #: 060265

Prerequisites: Passing grade in Spanish I

Elective

Grade: 10-12

Graded Conventionally

Credit: 1

Fee: None

Spanish II continues to provide the student with a further study of the Spanish language; more use of everyday vocabulary, a continued study of cultures, and basic grammatical structures. Emphasis will be on further developing four skills: listening, speaking, reading, and more writing. The course objectives are to strengthen the ability to carry on a simple conversation and to provide the students with instruction that teaches a further understanding of Spanish culture, vocabulary, and grammatical concepts.

Spanish III - 9063

State Course #: 060265

Prerequisites: Passing grade in Spanish II

Elective

Grade: 11-12

Graded Conventionally

Credit: 1

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. 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

State Course #: 060265

Prerequisites: Passing grade in Spanish III

Elective

Grade: 12

Graded Conventionally

Credit: 1

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. 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.

American Sign Language (ASL)-9303

State Course #: 060265

Elective

Grade: 9-12

Graded Conventionally

Credit: 1

Fee: None

Everyday communication is the centerpiece of every lesson. Topics revolve around sharing information about our environment and us. Grammar is introduced in context with an emphasis on developing question and answering skills. Students learn conversational strategies to help maintain a conversation. Interaction activities allow students to rehearse what they have learned. This will be an online course taught through the ESC.

VISUAL/PERFORMING ARTS & HUMANITIES

Academy for Leadership Abilities (ALA)-1001

Prerequisites: None

Elective Credit

Grades 9-12

Graded Conventionally

Credit: 0.5

The Academy for Leadership Abilities (ALA) is an integrated classroom setting where students will learn practical ways to live and work by focusing on leadership skills, personal growth strategies, and strengths. ALA challenges students to learn “how” to think now “what” to think. ALA classes focus on value and adding values to others, learning how to think, standing up for what’s right, doing the right thing, self-respect, strengths, decision-making, and public speaking. Students will be expected to be active participants in classroom activities, written exercises, and discussions. The ALA is offered through partnership with Perry County Board of Developmental Disabilities (PCBDD), Perry County Jobs and Family Services (PCJFS) and the New Lexington School District.

Art I - 5003

State Course #: 020012

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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

State Course #: 020012

Prerequisites: Passing grade in Art I

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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

State Course #: 020242

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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

State Course #: 020242

Prerequisites: Passing grade in Ceramics I

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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.

Advanced Art Design (CCP) - 5027

State Course #: 020210

TAG/OTM Course #: ART 1101 (Art Appreciation)

Prerequisites: Passing grade in Art II or Ceramics II

Elective

Grade: 10-12

Weighted Grading

Credit: 1

Fee: \$25.00

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. Students will focus on the study of both fine art and graphic design and their real-world applications.

Concert Choir - 5103

State Course #: 120400

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 1

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

State Course #: 120400

Prerequisites: Passing grade in Concert Choir/band, audition (or director discretion)

Elective

Grade: 10-12

Graded Conventionally

Credit: 1

Fee: None

Chamber Singers is the select chamber ensemble for New Lexington. Students will be expected to experiment with a variety of styles, including acapella, jazz, show, and chamber stylings. Students are required to attend afterschool rehearsals, afterschool concerts, and other afterschool events such as competitions. Students are required to audition for the class.

Band - 5113

State Course #: 120500

Prerequisites: Middle School Band or Lab Band

Elective

Grade: 9-12

Graded Conventionally

Credit: 1

Fee: None

Band is for all students who currently play a band instrument. 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. Participation in Pep Band is mandatory; however, students may also participate in solo and ensemble contests on a voluntary basis.

Marching Band - 5123

State Course #: 120500

Prerequisites: Concurrent enrollment in Band

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

Fee: Varies

Students enrolled in band 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. Band students must sign up for both band courses: flag members only need to sign up for the marching band course, but are still expected to participate in every assignment from Memorial Day through the December Christmas Parade.

Music Theory - 5143

State Course #: 120300

Prerequisites:

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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.

Jazz Band - 5153

State Course #: 120500

Prerequisites: Concurrent enrollment in Band, Lab Band, or instructor permission

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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 may be required to attend rehearsals after school.

History of Rock and Roll - 5163

State Course #: 129999

Prerequisites: None

Elective

Grade: 10-12

Graded Conventionally

Credit: 0.5

Fee: None

This course will begin with a brief overview of the ancestors of Rock and Roll: Pop music, Country and Western music, and Rhythm and Blues, leading us into the emergence of Rock in the 1950's. The transition into the 1960's will help us to understand how society can be reflected and influenced by music. We will discuss Elvis Presley, the Beatles, the British Invasion, Folk Rock, Soul, the musical developments in San Francisco, Jazz, and Art Rock. The 1970's will introduce the students to Disco and Soft Rock, and the 1980's will bring Heavy Metal and Rap. When we reach the 1990's and the turn of the century, the class will take over to discuss the current trends in music. Finally, we will discuss how Rock and Roll has influenced other cultures and even how other cultures have influenced the development of rock and roll. The ultimate goal of this course is to help the student understand the music that they are listening to, where it comes from, what it is made of, where it is going, and to help create an educated consumer of music.

Lab Band 1 - 5133

State Course #: 120500

Prerequisites:

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

Fee: None

Lab Band 1 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.

Lab Band 2 - 5134

State Course #: 120500

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

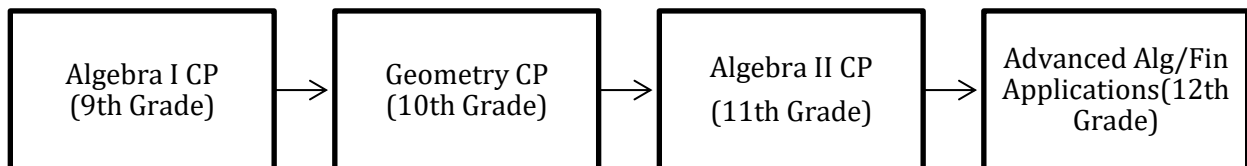
Credit: 0.5

Fee: None

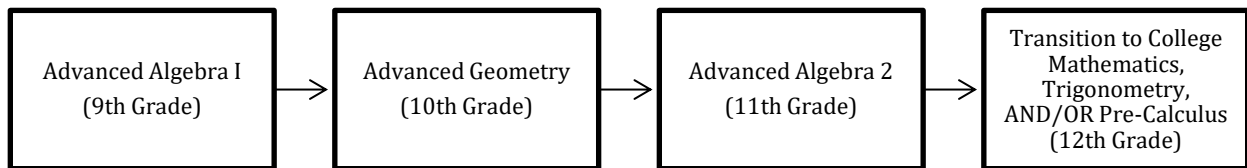
Lab Band 2 is open to any student who wants to learn how to play an additional instrument, or who wishes to improve upon his or her skills and technique with their current instrument. In this course, you will learn to read more advanced music and/or learn to play an instrument of your choosing (upon availability of instrument). Performances are a possibility.

MATHEMATICS

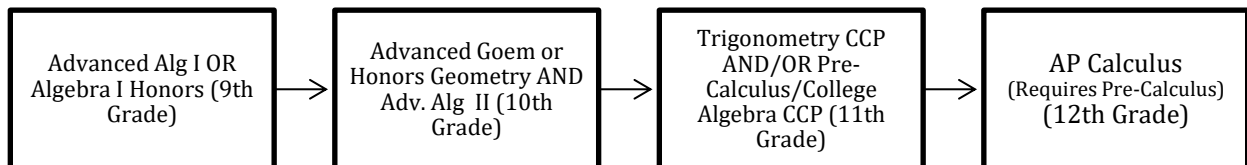
COURSE SEQUENCE FOR College Prep/Vocational



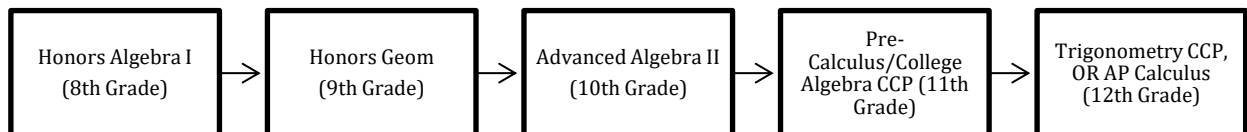
COURSE SEQUENCE FOR Advanced/COLLEGE PREP



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/Honors Geometry & 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/Honors Geometry 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 fulfill the state math requirements for graduation.

Algebra I CP- 2003

State Course #: 110301

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

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.

Advanced Algebra I - 2013

State Course #: 110301

Prerequisites: None

Required Option

Grade: 8-9

Graded Conventionally

Credit: 1

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

State Course #: 110301

Prerequisites: Grade of A in 8th Grade Math, placement test

Required Option

Grade: 9

Graded Weighted

Credit: 1

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 Adv. 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

State Course #: 110301

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

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

State Course #: 110301

Prerequisites: None

Required Option Grade: 9

Graded Conventionally Credit: 1

Fee: None

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

Geometry CP - 2083

State Course #: 111200

Prerequisites: Passing grade in Applied Algebra I CP

Required Option Grade: 10-12

Graded Conventionally Credit: 1

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.

Advanced Geometry - 2023

State Course #: 111200

Prerequisites: Passing grade in Adv. Algebra I or Algebra I Honors

Required Option Grade: 9-10

Graded Conventionally Credit: 1

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.

Honors Geometry - 2024

State Course #: 111200

Prerequisites: Achieved a B or higher in Adv. Algebra I or Algebra I Honors, or instructor recommendation

Required Option Grade: 9-10

Weighted Grading Credit: 1

Fee: None

This course is designed for the mathematical student of above average ability and who is considering a field of study in Engineering or other mathematically intensive field. 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 triangles, parallel and perpendicular lines, circles, and similar polygons. Students will be expected to do daily homework, take quizzes and unit tests, as well as projects, and keep a notebook. This course will have a faster pace than Adv. Geometry. A scientific calculator, straight edge, and compass are required.

SG Applied Geometry - 2513

State Course #: 111200

Prerequisites: Passing grade in SG Applied Algebra I

Required Option *Grade: 10*

Graded Conventionally *Credit: 1*

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

State Course #: 111200

Prerequisites: Passing grade in ASG Applied Algebra I

Required Option *Grade: 10*

Graded Conventionally *Credit: 1*

Fee: None

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

Algebra II CP- 2004

State Course #: 110030

Prerequisites: Passing grade in Geometry CP

Required Option *Grade: 11-12*

Graded Conventionally *Credit: 1*

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 score Proficient or above on the Algebra I Air Assessment. Students will be expected to do daily homework, quizzes, and unit tests. A graphing calculator (TI-83 or TI-84) is recommended but not required.

Advanced Algebra II - 2074

State Course #: 110302

Prerequisites: Passing grade or concurrent enrollment in Adv. Geometry

Required Option *Grade: 10-11*

Graded Conventionally *Credit: 1*

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, and unit tests, and keep a notebook. 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

State Course #: 110030

Prerequisites: Passing grade in SG Applied Geometry

Required Option Grade: 11

Graded Conventionally Credit: 1

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

State Course #: 110030

Prerequisites: Passing grade in ASG Applied Geometry

Required Option Grade: 11

Graded Conventionally Credit: 1

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.

Advanced Algebra Financial Applications – 2005

State Course #: 110302

Prerequisites: Passing grade in Algebra II CP

Required Option Grade: 12

Graded Conventionally Credit: 1

Fee: None

This course is a continuation of Algebra II CP. The course will follow the twelfth grade math standards set forth by the Ohio Department of Education. The course will also help prepare those students who still need to score Proficient on the Algebra I Air assessment. Students will be expected to do daily homework, quizzes, unit tests, and keep a notebook. A notebook will be required.

Transition to College Mathematics - 2032

State Course #: 111850

Prerequisites: Passing grade in Adv. Algebra II

Required Option Grade: 12

Graded Conventionally Credit: 1

Fee: None

This course is designed for the 12th grade student who has taken Adv. Algebra II and who is making a transition to college-level mathematics. The course will follow the mathematics standards set forth by the State Department of Education. This course will address both new and previously addressed topics with increasing emphasis on symbol manipulation, mathematical structure, trigonometry, parent functions, and statistics. Students will be required to complete daily homework, quizzes, unit tests, and projects. A scientific calculator is required.

Pre-Calculus - 2034

State Course #: 110099

Prerequisites: Passing grade in Adv. Algebra II

Required Option

Grade: 11-12

Graded: Weighted

Credit: 1

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, and tests 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 – 2505

State Course #: 110302

Prerequisites: Passing grade in SG Transition to Algebra II

Required Option

Grade: 12

Graded Conventionally

Credit: 1

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 – 2634

State Course #: 110302

Prerequisites: Passing grade in ASG Transition to Algebra II

Required Option

Grade: 12

Graded Conventionally

Credit: 1

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

State Course #: 110600

Prerequisites: Passing grade in Pre-Calculus, passing grade/concurrent enrollment in Trigonometry CCP

Required Option

Grade: 12

Weighted Grading

Credit: 1

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, and tests 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. *Students concurrently enrolled in AP Calculus and Trigonometry must take Trigonometry during the fall semester.*

Trigonometry CCP – 2043

State Course #: 111600

Prerequisites: Passing grade in Adv. Algebra II, instructor recommendation

Elective

Grade: 11-12

Weighted Grading

Credit: 1

Fee: Graphing calculator required

This course is offered as a College Credit Plus course which means that college credit is possible if certain requirements are met. This course covers all of the six trigonometric functions, equations, angles/triangles, identities, and vectors. Emphasis will be placed on the unit circle and circular functions. Investigation and verification of the fundamental trigonometric identities will be an intricate part of this courses study in preparation for higher-level math courses. This class provides a thorough treatment of trigonometry both with and without the use of the graphing calculator.

Statistics CCP - 2015

Prerequisites: Passing grade in Adv. Algebra II and meet Hocking CCP admission requirements

Math Elective

Grade: 11-12

Weighted Grading

Credit: 1

Fee: Graphing Calculator required

This course introduces basic statistical measures. Emphasis will be on core concepts and calculation of specific measures as well as appropriate application of those measures. Topics include measures of central tendency and dispersion, various statistical distributions (to include normal student's T, Chi Square, and F), confidence intervals, correlation and regression, sampling and hypothesis testing, ANOVA, and introductory probably concepts.

College Algebra CCP-2077

Prerequisites: Passing grade in Adv. Algebra II and meet Hocking CCP admission requirements

Math Elective

Grade: 11-12

Weighted Grading

Credit: 1

Fee: Graphing Calculator required

This course introduces algebraic and graphical studies of linear, quadratic, polynomial, rational, root/radical/power, exponential, logarithmic and piecewise-defined functions. It also deals with solving equations and systems of equations.

PHYSICAL EDUCATION & HEALTH

Health - 6003

State Course #: 260101

Prerequisites: None

Required Option

Grade: 9-12

Graded Conventionally

Credit: 0.5

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

State Course #: 260101

Prerequisites: None

Required Option

Grade: 9-12

Graded Conventionally

Credit: 0.5

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.

Physical Education - 6013

State Course #: 080300

Prerequisites: None

Required Option

Grade: 9-12

Graded Conventionally

Credit: 0.25

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.

Physical Development - 6063

State Course #: 080300

Prerequisites: None

Required Option

Grade: 9-12

Graded Conventionally

Credit: 0.25

Fee: None

Physical Development is a course designed for student athletes or students interested in physical development and personal training. Physical development will focus on aerobic and strength training using a variety of exercises. *Students participating in athletics are highly encouraged to enroll in Physical Development to supplement their athletic training; however, any student may enroll in physical development, regardless their participation in student athletics. Sections will be offered for both male and female athletes.*

SCIENCE

Pathways

General/College Preparatory Science Courses:

Physical Science CP, Biology CP, Ecology, Kinesiology or Ag/Natural Resources*

Advanced/College Preparatory Science Courses:

Advanced Physical Science, Biology CCP, Anatomy and Physiology I/II CCP, Chemistry CCP, Physics CCP

**Additional/Supplemental Science credits may be earned through Vocational Agriculture.*

Course Descriptions

Physical Science CP- 3113

State Course #: 132220

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

Fee: \$15.00 plus \$5.99 online resource, Calculator required

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.

Advanced Physical Science- 3125

State Course #: 132220

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

Fee: \$15.00 plus \$5.99 online resource, Calculator required

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. This high rigor course is designed to challenge each student. The content included Introduction to Chemistry, Moderate Physics, and Space Science. Topics include forces and motion, balanced chemical reactions, atomic structure, Newton's Laws, Red Shift, and so much more! The pace and depth of the material covered will be much faster with more emphasis on math calculations as per content.

ASG Physical Science - 3633

State Course #: 132220

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

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 CP - 3033

State Course #: 132230

Prerequisites:

Required Option

Grade: 10

Graded Conventionally

Credit: 1

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.

ASG Biology - 3643

State Course #: 132230

Prerequisites: Passing grade in ASG Physical Science

Required Option

Grade: 10

Graded Conventionally

Credit: 1

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.

ASG Environmental Science - 3652

State Course #: 132350

Prerequisites: Passing grade in ASG Biology

Required Option

Grade: 11

Graded Conventionally

Credit: 1

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 CCP - 3053

State Course #: 130301

Prerequisites: B or better in Biology CP or Biology CCP and 2 math credits (inc. Algebra I CP/Honors); passing score on Biology AIR Test, passing score on Hocking Accuplacer test

Elective

Grade: 11-12

Weighted Grading

Credit: 1

Fee: \$15.00, scientific calculator required

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. Students are required to purchase a scientific calculator.

Physics CCP - 3073

State Course #: 130302

Prerequisites: B or better in Biology CP or Biology CCP and 3 math credits (including a B or better in Algebra II CP and Trigonometry (Trigonometry must be completed or may be taken concurrently if taken during the first semester); passing score on Biology AIR Test

Elective

Grade: 12

Weighted Grading

Credit: 1

Fee: \$30.00, scientific calculator required

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 \$30.00 is charged for this course.

Anatomy & Physiology I CCP - 3203

State Course #: 139998

TAG/OTM Course #: BIOS 1113 (Anatomy and Physiology I)

Prerequisites: Grade of B or better in Biology CP or Biology CCP; passing score on Biology AIR Test; passing score on the Hocking Accuplacer test.

Elective

Grade: 11-12

Weighted Grading

Credit: 1

Fee: \$20.00

Anatomy and Physiology I 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, integumentary system, skeletal system, muscular system, skeletal muscle anatomy, nervous system, the senses, and the endocrine system. Emphasis will be placed on the identification and location of parts of the human body and how those parts function in maintaining homeostasis. Dissection will be required.

Anatomy & Physiology II CCP - 3233

State Course #: 139998

TAG/OTM Course #: BIOS 1114 (Anatomy and Physiology II)

Prerequisites: Grade of B or better in Anatomy and Physiology I; passing score on Hocking College Accuplacer test; strongly recommended that Chemistry CCP has been completed or is taken concurrently.

Elective

Grade: 11-12

Weighted Grading

Credit: 1

Fee: \$40.00

Anatomy and Physiology II will continue to focus on the principles and concepts introduced in Anatomy and Physiology I. This course is ideal for those students who are interested in pursuing a career in medical or healthcare fields. This course will focus on the blood, cardiovascular system, lymphatic and immune systems, respiratory system, digestive system, nutrition and metabolism, urinary system, and the reproductive system. Emphasis will be placed on the identification and locating of parts of the human body and how those parts function in maintaining homeostasis. Dissection of a cat will be required.

Biology CCP - 3163

State Course #: 132330

TAG/OTM Course #: BIOS 1121 (Biology I)

Prerequisites: Grade of B or better in Adv. Physical Science; passing score on the Hocking College Accuplacer test.

Elective

Grade: 10

Weighted Grading

Credit: 1

Fee: \$20.00

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, comparative anatomy ecology, evolution and botany. Some summer work may be required.

Ecology-3213

State Course #: 139998

Prerequisites: Passing grade in Biology and Physical Science

Elective

Grade: 11-12

Graded Conventionally

Credit: 1

Fee: \$15.00, Calculator Required

This course is designed to provide an introduction into the exploration of how the environment affects health and fundamental ecological principles. Emphasis is given in areas of population dynamics, vector borne and communicable diseases, natural resources, air and water treatment. This course incorporates project-based learning and inquiry-based laboratory experiences that engage students in asking valid scientific questions, gathering data, and analyzing information.

SOCIAL STUDIES

Pathways

College Preparatory Social Studies Courses:

Modern World History CP; American History CP; American Government CP; Economics and Financial Literacy; either Contemporary World Issues, Sociology, or World Geography

Advanced Social Studies Courses:

Advanced Modern World History; Advanced U.S. History; CCP U.S. Government and Politics; Economics and Financial Literacy; either CCP Psychology, Contemporary World Issues, Sociology, or World Geography

Course Descriptions

Modern World History CP - 4013

State Course #: 150890

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

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.

Advanced World History -4015

State Course #: 150890

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

Fee: None

Students will investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; and making historical connections. The course provides themes that students explore in order to make connections among historical developments in different times and places.

ASG Social Studies I - 4632

State Course #: 150890

Prerequisites: None

Required Option

Grade: 9

Graded Conventionally

Credit: 1

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.

American History CP - 4033

State Course #: 150810

Prerequisites: Passing grade in Modern World History CP

Required Option *Grade: 10*

Graded Conventionally *Credit: 1*

Fee: \$15 (Mastering Ohio's American History Assessment Workbook)

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.

ASG Social Studies II – 4642

State Course #: 150810

Prerequisites: Passing grade in ASG Social Studies I

Required Option *Grade: 10*

Graded Conventionally *Credit: 1*

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.

American Government CP- 4053

State Course #: 159950

Prerequisites: Passing grade in American History CP

Required Option *Grade: 11-12*

Graded Conventionally *Credit: 1*

Fee: \$15 (Mastering Ohio's American Government Assessment Workbook)

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.

ASG Social Studies III – 4634

State Course #: 159950

Prerequisites: Passing grade in ASG Social Studies II

Required Option *Grade: 11-12*

Graded Conventionally *Credit: 1*

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.

U.S. Government and Politics CCP - 4057

State Course #: 159950

TAG/OTM Course #: GOVT 1142 (American Government)

Prerequisites: Grade of B or better in American History CP, instructor recommendation

Elective Grade: 11-12

Weighted Grade Credit: 1

Fee: AP Exam fee (exam optional)/ \$15 for workbook (Mastering Ohio's American Government Assessment)

This course explores the political theory and everyday practice that direct the daily operation of our government and shape our public policies. 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.

Psychology CCP – 9143

State Course #: 151121

TAG/OTM Course #: PSYC 1101 (General Psychology)

Prerequisites: Grade of B or better in American History CP, instructor recommendation

Elective Grade: 11-12

Weighted Grade Credit: 1

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.

Advanced American History – 4063

State Course #: 150810

Prerequisites: Grade of A or better in Modern World History CP, instructor recommendation

Elective Grade: 10

Graded Conventionally Credit: 1

Fee: \$15.00 (Mastering Ohio's Assessment American History Workbook)

The Honors American History course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American 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. The course will develop the skills necessary to arrive at conclusions on the basis of an informed judgement and to present reasons and evidence clearly and persuasively in essay format.

Economics and Financial Literacy – 7163

State Course #: 159940

Prerequisites: None

Required Option

Grade: 11-12

Graded Conventionally

Credit: 1

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.

Adv. Economics and Financial Literacy –

State Course #: 159940

Prerequisites: None

Required Option

Grade: 11-12

Graded Conventionally

Credit: 1

Fee: None

Contemporary World Issues - 4103

State Course #: 152150

Prerequisites: None

Elective

Grade: 10-12

Graded Conventionally

Credit: 0.5

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

State Course #: 150700

Prerequisites: None

Elective

Grade: 10-12

Graded Conventionally

Credit: 0.5

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. Note: this course includes a large independent study component, reading, and map knowledge are essential.

History through Film - 4117

State Course #: 159999

Prerequisites: Passing grade in Modern World History and U.S. History

Elective

Grade: 11-12

Graded Conventionally

Credit: 0.5

Fee: None

In this course, students will view, analyze, and discuss films from different genres, countries, and time periods to develop a deeper understanding of a selected historical topic. This class' specific subject matter may change from semester to semester, offering multiple topics to a student population with diverse interests. Examples include: World War II, U.S. in the 1960's, and the Great Depression. The films being viewed will be used as a discussion point for the selected topic or historical period. After viewing, the class will make use of various supplemental materials, readings, and assignments.

U.S. History - 1980's - 4127

State Course #: 159999

Prerequisites: Passing grade in Modern World History and U.S. History

Elective

Grade: 11-12

Graded Conventionally

Credit: 0.5

Fee: None

In this course, students will focus on the United States during the 10-year period from 1980-1989. Students will analyze all parts of the decade, including politics, military conflicts, domestic issues, economic policies, popular culture, and various other issues. This course will serve to give students a deeper understanding of a time period that, due to time constraints, is typically not a focus of the sophomore-level U.S. History course.

History of the World Wars (1914-1945) - 9183

State Course #:

Prerequisites: Passing grade in Modern World History and U.S. History

Elective

Grade: 11-12

Graded Conventionally

Credit: 0.5

Fee: None

This course will take an in depth look at the world through the years 1914-1945. The course will focus on the World War I & II as well as the Holocaust. Students will explore causes, major battles, technology and weaponry, geography, major figures, as well as the conclusion of war. The effect of war was not just felt by the major powers of war but hundreds of other smaller nations which students will get a chance to explore. Students will be asked to analyze primary sources such as photographs, letters, speeches, and newspapers.

Information Technology in Programming and Development/Business

School Publications - 8253

State Course #: 300040

Prerequisites: Application

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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 may be required to meet after school or on weekends while the book is in production. No more than twelve students will be admitted. Students will also be required to attend events, take photographs, sell business advertisements, and write and publish news releases during the course of the year. Computer experience, writing skills, and good attendance are essentials. Students are admitted through an applications process; applications are available from the advisor. Selected students will be notified before the scheduling deadline.

AP Computer Science Principles - 8073

State Course #: 299999

Prerequisites: Grade of B or better in Algebra I CP and Information Technology, instructor recommendation

Elective

Grade: 11-12

Weighted Grade

Credit: 1

Fee: AP Exam Fee

AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. This rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field.

Panther FabLAB - 8203

State Course #: 175009

Prerequisites: Instructor recommendation

Elective

Grade: 10-12

Graded Conventionally

Credit: 0.5

Fee: None

This course is a hands-on laboratory experience where students will use devices such as vinyl cutters, laser cutters/engravers, and 3-D printers to fabricate products for customers. The class will practice pricing materials and labor, as well as preparing estimates and quotes for potential customers.

Robotics 8143

State Course #: 175004

Prerequisites: Passing grade in Algebra 1 and Physical Science

Elective

Grade: 10-12

Graded Conventionally

Credit: 1

Fee: \$20.00

Autodesk's VEX Robotics is divided up into twelve units. In a flexible format, students learn about engineering and engineering problem solving. They will be given introductions to the VEX Robotics Design System and Autodesk® Inventor® while learning key STEM principles through a process that captures the excitement and engagement of robotics competition. The curriculum is heavily focused on mechatronic principles; as such, programming is NOT required. However this course is structured in such a way that students who want to include a more Computer Science heavy layer with the course can do so.

Microsoft Office CCP-8391

State Course #: 145005

Prerequisites: Must meet acceptance standards for Hocking College CCP

Elective

Grade: 9-12

Weighted grading

Credit: 1

Fee: None

This course introduces the word processing, spreadsheet, database, and presentation components of the integrated software package, Microsoft Office. Students design and manipulate files to apply the major function of the Word, Excel, Access, and PowerPoint modules for this package. Note that this course does NOT teach basic computer skills. It is assumed that students already have some basic computer skills. This class is worth 3 college credits.

JavaScript I CCP-8413

State Course #: 145005

Prerequisites: Must meet acceptance standards for Hocking College CCP

Elective

Grade: 9-12

Weighted Grading

Credit: 1

Fee: None

This class is an introduction to programming with JavaScript. Students will learn general syntax, variables, data types, loops, conditional statements, functions, and accessing objects. Learn about JavaScript prototype Object Orientation Programming and how it differs from Java's class-based approach. This class is worth 3 college credits.

Visual Programming-8393

State Course #: 290120

Prerequisites: None

Elective

Grade: 9-12

Conventional Grading

Credit: 1

Fee: None

Students will learn to develop solutions to problems, working within teams, prototyping, and working with data. Students will create prototypes of internet-connected physical computing devices using Adafruit's Circuit Playground board and App Lab.

Multimedia and Image Management Techniques-8397

State Course #: 145105

Prerequisites: None

Elective

Grade: 9-12

Conventional Grading

Credit: 1

Fee: \$25

This course is designed to give students an understanding of Adobe Photoshop. Students will learn how to perform many different image-processing techniques. Students in this course will learn concepts such as: setting project requirements, understanding digital images, understanding Adobe Photoshop, creating digital images using Adobe Photoshop, and publishing digital images using Adobe Photoshop. By the end of the course students will be able to earn an industry credential of Adobe Certified Associate in Visual Communication Using Adobe Photoshop.

Animation-3399

State Course #: 145115

Prerequisites: None

Elective

Grade: 9-12

Conventional Grading

Credit: 1

Fee: \$25

This course will give students an introduction to animation and motion graphics using Adobe After Effects. They will learn the various 2D and 3D tools for compositing, animation, and effects. Projects from this class could be used by the school district.

Video Production-8395

State Course #: 145120

Prerequisites: None

Elective

Grade: 10-12

Conventional Grading

Credit: .0.5

Fee: \$25

This course will focus on planning, producing, editing, and launching various media products. Students will develop scripts and storyboards, compose shots and operate cameras, apply special effect techniques, and edit to achieve a final product. Students will be able to use animation and graphic design for video. Projects from this class could be used for various things throughout the school district.

Employability Skills-7300

State Course #: 990364

Prerequisites: None

Elective

Grade: 9-12

Conventional Grading

Credit: .0.5

Employers require their workforce to demonstrate Employability Soft Skills and these skills are teachable. Students will be taught appropriate and functional skills such as Interpersonal, Employment Basic Skills, Communication, Conflict Resolution, Teamwork, Productivity, Dependability and Reliability, Flexibility and Adaptability, Planning and Organizing and Initiative skills. Employers will make final hiring decisions based on what skills candidates can bring to the job. Being able to demonstrate good employability skills could be what makes a hiring manager choose you. These skills also help individuals grow to be more productive and successful in life as well as what post-secondary path each student chooses. This class is a requirement for the class of 2025 and beyond.

VOCATIONAL

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

FAMILY & CONSUMER SCIENCES

Transitions and Careers - 7183

State Course #: 091400

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

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.

Intro to Family & Consumer Science-7225

State Course #: 091201

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

This first course will provide students with an overview of the four major content areas of Family and Consumer Sciences. Students will be introduced to child development, family relationships concepts and how they relate to family dynamics. Additionally, students will identify financial literacy and consumer economic principles. Students will understand the concepts of design through textiles for personal and home use. Throughout the course, students will develop communication, leadership and career investigation skills.

Financial Management - 7203

State Course #: 091052

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

Fee: \$7.50, supplemental materials

In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, and investing and risk management.

Principles of Food - 7153

State Course #091205

Prerequisites: None

Elective Grade: 9-12

Graded Conventionally Credit: 0.5

Fee: \$10.00

In this course students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional

information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

Textile Design, Construction and Maintenance - 7143

State Course #091505

Prerequisites: None

Elective Grade: 9-12

Graded Conventionally Credit: 1

Fee: \$7.50

In this course, students will study the visual appearance of fabric and fashion design. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products, including home interior accessories and garments.

Culinary Fundamentals 7133

State Course #091220

Prerequisites: Foods

Elective

Grade 9-12

Graded Conventionally

Credit: 0.5

Fee: \$10.00

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on ingredients, equipment, and management of time. Students will apply standard recipe conversions using proper scaling and measurement techniques.

Child Development - 7223

State Course #: 091025

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 0.5

Fee: \$7.50, supplemental materials

Students will analyze human growth and developments throughout the lifespan. An emphasis will be placed on the physical, cognitive, social and emotional growth and development. Additional topic will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community

Entrepreneurship - 8353

State Course #: 044110

Prerequisites: None

Elective

Grade: 10-12

Graded Conventionally

Credit: 0.5

Fee: None

Entrepreneurship is a course designed to aid students in exploring the concept of entrepreneurship (how to start and operate a business). Students will evaluate a potential career path by studying the framework of starting a business. They will evaluate the characteristics, skills, abilities, and attitudes necessary for business management success. Students will learn how to develop a business plan from actual contact with business owners. This course can be taken during both semesters, and will contain a lab component of running a school general store.

AGRICULTURE, mechanics, and NATURAL RESOURCES

Agriscience and Vocational Agriculture 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 and Vocational 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.

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 projects. 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, fundraising and cooperation with other students as criteria for selecting students for future AgriScience and Vocational Agricultural 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.

*****All students are required to wear appropriate footwear and clothing every day. This may include; coveralls, bibs, boots, etc. We do not have an area at the farm to change clothes in*****

Animal and Plant Science - 7823

State Course #: 010125

Prerequisites: Passing grade in Agriculture, Food, and Natural Resources

Elective

Grade: 9-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credits if student has taken Physical Science and Biology)

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.

Mechanical Principles CCP - 7803

State Course #: 010210

Prerequisite: Meeting Hocking CCP requirements

TAG/OTM Course #: ERT 1121 (Welding)

Elective

Grade: 9-12

Weighted Grading

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

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.

Animal Anatomy and Physiology-7713

Subject Code: 010945

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

Students will examine the structure and function of the major organ systems as well as the function and principle of blood flow in animals. Students will study internal and external anatomical parts, their functions, and will investigate the relationship among these parts and systems within the body of animal. Throughout the course, students will apply the internal functions of anatomical structures to the business and industry principles of the animal industry.

Mechanical Principles 2-7805

Subject Code: 010940

Prerequisites: Passing grade in Mechanical Principles CCP

Elective

Grade: 10-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

Students will build upon and refine the knowledge and skills gained in Mechanical Principles CCP. Students will apply MIG and TIG welding practices. Plasma torch cutting, upper level engine theory, project-based construction techniques, etc.

Agronomy and Environmental Science CCP- 7094

State Course # 010190

TAG/OTM Course: #BIOS 1101 (Environmental Science)

Prerequisite: Meeting Hocking College CCP guidelines

Elective

Grade: 9-12

Weighted Grading

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

Students will apply knowledge and skills required to research, develop, produce and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined while students apply scientific knowledge of plant development, nutrition and growth regulation. The knowledge and skills needed to manage water, soils, and pests related to agronomic crops will be assessed. Students will employ technological advances, communication, business, and management strategies appropriate for the industry.

Wildlife and Fisheries - 7863

State Course #: 010190

Prerequisites: None

Elective

Grade: 9-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

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.

Wildlife and Fisheries II (Conservation Science) - 7865

State Course #: 010190

Prerequisites: Wildlife and Fisheries

Elective

Grade: 9-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

Students will take skills and knowledge learned in wildlife and fisheries and put it into action. Wildlife and Fisheries II (Conservation Science) implements a plan of action on the school farm to improve the habitat for birds, fish and mammals. Students will earn their Hunter Education Certification, Trapper Education Certification, and Boater Certification in the course. All students enrolled in the course will be an FFA member and all be required to maintain a SAE project.

Forestry - 7843

State Course #: 010190

Prerequisites: Instructor recommendation

Elective

Grade: 9-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

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.

Greenhouse and Horticulture -7807

State Course #: 010190

Elective

Grade: 9-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation, and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized.

Livestock Selection and Management-7943

State Course #: 010190

Elective

Grade: 9-12

Graded Conventionally

Credit: 1.25

Fee: None

(1 Science credit if student has taken Physical Science and Biology)

Students will identify and apply principles and routine husbandry practices to production of 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.

Agriculture Work / Capstone - 7083

State Course #: 010190

Prerequisites: Must be enrolled in another Ag class; obtain at least 450 work hours during one year

Elective

Grade: 11-12

Graded Conventionally

Credit: 2

Fee: None

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.

Advanced Shop Capstone - 7953

State Course #: 010190

Prerequisites: Passing grade (or concurrent enrollment) in Mechanical Principles; must be enrolled in another AFNR class, instructor recommendation

Elective

Grade: Teacher Recommendation Required

Graded Conventionally

Credit: 1.25

Fee: None

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.

Animal Science and Management Capstone - 7954

State Course #: 010190

Prerequisites: Must be enrolled in another AFNR class, instructor recommendation required

Elective

Grade: Teacher recommendation required

Graded Conventionally

Credit: 1.25

Fee: None

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.

Natural Resource Management Capstone - 7955

State Course #: 010190

Prerequisites: Must be enrolled in another AFNR class, instructor recommendation required

Elective

Grade: Teacher recommendation required

Graded Conventionally

Credit: 1.25

Fee: None

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.

WORK PROGRAMS

ASG Vocational Work Adjustment - 7733

State Course #: 199000

Prerequisites: Transition plan for employment

Elective Grade: 12

Graded Conventionally Credit: 1-3

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 based on teacher, counselor, and administrative recommendations.

Work Early Release

Prerequisites: Application must have a job and work permit on file

Elective Grade: 11-12

Not Graded Credit: 0

Fee: None

An early release 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 to the Guidance Department, and you MUST have a work permit on file.**

- Achieve a score of proficient or higher on all of Ohio's State Tests
- 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
- Provide transportation to and from school
- Parent permission
- Evidence of gainful or volunteer employment and valid work permit
- Student athletes must meet all athletic eligibility requirements
- No more than 5 tardies (to school) the year prior to participation
- No more than 5 absences the year prior to participation (doctor's notes permit exception)
- No discipline referrals for skipping class or skipping school
- **Must** sign out daily at the front office; abuse or neglect of this will result in loss of privilege
- 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*