

NORTHEASTERN HIGH SCHOOL

HOME OF THE “JETS”

2023-2024 School Year
STUDENT PLANNING
AND COURSE SELECTION GUIDE



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NORTHEASTERN SCHOOL COUNSELING DEPARTMENT

Northeastern High School

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Dear Students,

Welcome to Northeastern High School. We hope that this year is successful and fulfilling. In order to make it so, please spend time reading this book and selecting courses which will help to ensure that this year and each year of high school after is the best it can be.

To obtain the most valuable education possible, it helps to plan ahead. Using the information provided in this reference booklet will help with that plan.

Selection of your courses should be based on your future plans, your interests, and your abilities. Taking a realistic look at these areas will help you select courses that are challenging, but not impossible as well as useful in your preparation for the future.

We suggest that all students schedule 6 classes. This will allow you to complete all of the required courses all of the required courses as well as select electives that will provide you with a well-rounded education.

In this reference booklet, you will find three things that will help in your course selection for next year:

1. A brief description of all courses offered at Northeastern.
2. Suggested courses for next year. Remember that these are suggestions and should only be used as a guide.
3. A course planning sheet to chart your 4-year high school education.

After you have made a tentative selection of classes, you will meet with a guidance counselor to review your course selections.

We believe that careful scheduling can lead to your success at Northeastern and in your future.

Best of luck in the next school year.

Sincerely,

Todd Justice
Principal, Northeastern High School

NOTE: Because of fluctuations in demand for classes and available staffing all courses listed in this booklet may not be offered on an annual basis.



What It Takes to Earn an Ohio Diploma from Northeastern High School Class of 2021 and beyond

Students must meet both testing requirements and curriculum requirements in order to earn a diploma. These requirements apply to students entering their freshman year in 2010 and beyond. See the checklists below for more information about these two diploma requirements. The third section provides information about an alternative way to meet testing requirements.

I. CURRICULUM REQUIREMENTS

Below are the curriculum requirements adopted by The Northeastern Local School District, which meet or exceed the state minimum requirements.

21 total credits to meet graduation requirements (areas described below)

English	4 credits
Mathematics	4 credits (must include one unit of Algebra II or the equivalent of Algebra II)
Social Studies	3 credits (World History, American History and American Government)
Science	3 credits (must include one unit of physical science, one unit of life science and one unit of advanced study science as identified in course description)
+Physical Education	1/2 credit (PE I and PE II = 1/2 credit)
Health	1/2 credit
Fine Arts	1 credit (Art, Band and Choir courses meet this requirement)
Financial Literacy	1/2 credit
Electives	4.5 credits

+PE requirement may be met with the PE Waiver for participation in school athletics or band. See page 33.

II. END OF COURSE ASSESSMENTS

- The State Designed Assessments will be used at the high school level beginning with the Class of 2018.
- A nationally standardized readiness assessment (ACT) will be administered in 11th grade and will be used as a readiness assessment to determine college and career readiness.
- All state designed assessments will be taken online.

GRADE	ENG & LANGUAGE ARTS	MATH	SCIENCE	SOCIAL STUDIES
9 th		Algebra I End of course exam	Biology End of course exam	
10 th	ENG 2 End of course exam	Algebra I or Geometry End of course exam		American History End of course exam
11 th				American Government End of course exam
12 th				

Ohio's High School Graduation Requirements

Classes of 2023 and Beyond

It's Your **Future.** Get **Ready.**

Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

Is testing not your strength? After you have taken your tests, there are three additional ways to show competency!

Option 1.

Demonstrate Two Career-Focused Activities*:

Foundational

Proficient scores on WebXams
A 12-point industry credential
A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

Option 2.

Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

Option 3.

Complete College Coursework

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

*At least one of the two must be a Foundational skill

Third, show readiness

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

At least one of the two must be Ohio-designed:

- ☐ OhioMeansJobs Readiness Seal (Ohio)
- ☐ Industry-Recognized Credential Seal (Ohio)
- ☐ College-Ready Seal (Ohio)
- ☐ Military Enlistment Seal (Ohio)
- ☐ Citizenship Seal (Ohio)
- ☐ Science Seal (Ohio)
- ☐ Honors Diploma Seal (Ohio)
- ☐ Seal of Biliteracy (Ohio)
- ☐ Technology Seal (Ohio)
- ☐ Community Service Seal (Local)
- ☐ Fine and Performing Arts Seal (Local)
- ☐ Student Engagement Seal (Local)

Want to learn more? Contact your school counselor or visit education.ohio.gov/graduation



Diploma Seals
Must earn 2 seals – 2 must be from Ohio Designed Seal

OHIO DESIGNED SEALS

Ohio Means Job Readiness Seal - Job, Mentor, Documentation of Skills

Industry-Recognized Credential Seal - CTC Option

College-Ready Seal - Remediation Free Scores on ACT

Military Enlistment Seal

Citizenship Seal - Score of 3 on American History and Government Ohio EOC Tests

Science Seal - Score of 3 on Ohio Biology EOC test

Honors Diploma Seal - Earn 1 of Ohio's Honors Diploma

Seal of Biliteracy

Technology Seal - Complete required Technology Courses at NEHS

LOCALLY DESIGNED SEALS*

Community Service Seal - Complete a 60 Hour community service project

Fine and Performing Arts Seal - Earn two credits of Fine Arts or one credit of Fine Arts and 60 hours of Fine Arts participation

Student Engagement Seal - Participate in at least one student club, organization, or sport in each of two school years

*Pending approval by the NELSD Board of Education

NELSD LOCAL GRADUATION SEALS

NELSD FINE ARTS SEAL CRITERIA (3 Pathways)

- 1. 2 Fine Arts Credits**
 - a. Band
 - b. Choir
 - c. Art
 - d. Yearbook
 - e. Video Tech
- 2. 1 Fine Art Credit and 60 hours of approved Fine Art Participation**
 - a. Marching Band (if not receiving course credit for Band)
 - b. Indoor Percussion
 - c. Musical/Play
 - d. Music Lessons or Performances
 - e. Dance Lessons or Performances
 - f. Outside Art Courses or Experiences
 - g. Other participation as pre-approved by Administration
- 3. CCP Approved Course**

NELSD COMMUNITY SERVICE SEAL

- 1. 60 Hours of community service**
 - a. Pre-approved Community Service Plan
 - b. Follow directions as outlined in Community Service Plan

NELSD STUDENT ENGAGEMENT SEAL

- 1. Participation in at least one student group, extracurricular or sport in each of two school years.**
 - a. Can be different activities over the two years
 - b. Includes all NELSD athletics
 - i. Must complete athletic season in good standing
 - c. Includes all recognized clubs and organizations
 - d. Must participate in 70% of club meetings and activities

Criteria for Diploma with Honors for the Graduating Class of 2018 and Beyond

High School Academic Diploma with Honors for Graduating Classes of 2011 and Beyond <i>Students need to fulfill only 7 of the following 8 criteria</i>	
Subject	Criteria
English	4 units
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
Science	4 units, two units of advanced science
Social Studies	4 units
Foreign Language	3 units of one world language, or no less than 2 units each of two world languages studied
Fine Arts	1 unit
Grade Point Average	3.5 on a 4.0 scale
ACT/SAT Score [excluding scores from the writing sections]*	27 ACT / 1280 SAT

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

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

- 1/2 unit physical education
- 1/2 unit health
- 1/2 unit in American history
- 1/2 unit in government

**Career-Technical Diploma with Honors for Graduating
Classes of 2018 and Beyond**
Students need to fulfill only 7 of the following 8 criteria

Subject	Criteria
English	4 units
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
Science	4 units, including two units of advanced science
Social Studies	4 units
Foreign Language	2 units of one world language studied
Electives	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit.
Grade Point Average	3.5 on a 4.0 scale
ACT/SAT Score	27 ACT / 1280 SAT/Workkeys (6 Reading for Information & 6 Applied Math Matrics)
Additional Assessment	Earn an industry recognizezed credential or achieve the proficiency benchmark established for the appropriate Ohio Career-Technical Competency Assessment or the equivalent

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

Field Experience – Complete a field experience and document the experience in a portfolio specific to the students area of focus.

Portfolio – Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts.

INSTRUCTIONAL MATERIALS CENTER

The Instructional Material Center (IMC) is the school library at Northeastern High School. It is a place for reading, study, reference work and building information literacy skills. The IMC Staff is eager to assist students in finding a good book to read, assist with project-based learning, locate resources to complete assignments including online databases as well as traditional print information. There are over 7000 books housed in the IMC as well as select current periodical titles for students to check out or review. Books will be loaned for a two-week period. There are no fines levied for overdue materials; however, students are charged for lost or damaged items.

Infohio.org is a valuable website filled with databases covering a variety of subjects and test preparation materials. These publicly funded resources are open to all Ohio K-12 students and educators. INFOhio can be accessed from any online computer; however, use outside of the school does require a username and password, which is available from the IMC Staff.

CAREER INFORMATION

What am I going to do with my life? **OhioMeansJobs** connects school and students' futures. Do you have big dreams? You can start to see how school connects with future work. OhioMeansJobs K-12 is an exciting, robust online tool that puts this information at your fingertips. The site guides you through job and career exploration based on interests. It is a no-cost career planning resource that focuses on job opportunities as well as education and training options available in Ohio. Take a tour and get started at : <https://ohiomeansjobs.ohio.gov/wps/portal/gov/omj/home>.

The Bureau of Labor and Statistics has information on careers including current trends and emerging careers. www.bls.gov

Education Planner has information on careers, including videos and odd jobs for the future. Tools for self-assessment, learning styles, study habits and character. Information on college readiness including courses and ACT/SAT testing is also included plus financial aid and scholarship information. This site also has a section for parents. www.educationplanner.org

O*Net Interest Profiler-Career Search tool is a good career tool. <https://www.mynextmove.org/explore/ip>

COLLEGE NIGHT (TENTATIVE INFORMATION)

Date: Late September/Early October annually Place: Hollenbeck-Bayley Center Time: 7:00 PM

REPRESENTATIVES FROM OVER 50 COLLEGES WILL BE AVAILABLE TO TALK WITH YOU AND PROVIDE INFORMATION.
(Exact date and time will be announced in the fall.)

Several College Fairs are held throughout the Miami Valley during the fall. They are a good way to meet with representatives from many schools as well as gather printed information. Financial Aid Night will be scheduled in the fall as well.

ACT / SAT TEST DATES & INFORMATION

ONLINE REGISTRATION @

ACT: www.actstudent.org

SAT: www.collegeboard.com

NOTE: Students will take the ACT in the spring of the junior year as part of the state assessment program, at no cost to the student.

NCAA College Athletic Eligibility Requirements

Any student planning to participate in college athletics in Division I or Division II must meet NCAA eligibility requirements. The NCAA Clearinghouse determines athletic eligibility. Students and parents should become familiar with these requirements as early as possible in their high school careers. **Students are encouraged to apply to the Clearinghouse on-line at the NCAA Clearinghouse (www.ncaaclearinghouse.net) during the summer preceding their senior year.** Downloaded forms should be signed and given to the Guidance Office. Please note the NCAA Clearinghouse charges an application fee.

PREPARING FOR COLLEGE

College Entrance Requirements

Colleges today are relying on the student to prove to the admissions officers that he/she is the kind of student the college is seeking. The best proof a student can provide is an academic record of good grades. Another consideration is the student's performance/score(s) on college entrance exams (ACT/SAT). Colleges look at other factors including rigor of curriculum, maturity and stability, creative ability in some field, potential for leadership, a sense of responsibility and academic motivation or desire to learn.

College admissions officers use college entrance exams in two ways. First they are used to compare students from all states and all schools. Second, they provide accountability or a check on the high school record.

General Information for College Bound Students

1. College bound students should take the ACT test in the spring of their junior. In Ohio, ALL juniors take the ACT as part of state testing in the spring at no cost to the student. The score from the ACT are college reportable and can be used to meet college admission requirements. Scores are automatically sent to Northeastern High School and will appear on the student's transcript. Students may select up to four (4) colleges/agencies to receive their scores from the state testing of the ACT.
2. Students may begin taking the ACT, at their own expense, at any point they want to test. To register for a national test date online at www.actstudent.org. Cost to the student is approximately \$60 per test date.
3. Students should be prepared to begin applying to colleges before November 1 of their senior year.
4. All families of college bound students should consider filling out the FAFSA form (Free Application for Federal Student Aid) after October 1st of the senior year.
5. General requirements for unconditional college admission at state-supported schools in Ohio (contact the college/university for specific information):
 - 4 credits/units of English
 - 4 credits/units of math including algebra I, geometry and algebra II
 - 3 credits/units of social studies
 - 3 credits/units of science
 - 2 credits/units of foreign language (same language)
 - 1 credit/unit of fine arts (visual or performing arts)
6. Contact your college or university regarding their recommendations about Advancement Placement testing and College Credit Plus course transferability.

How Colleges Select Students

College admissions officers consider the following when selecting students:

- The student's high school academic record.
- The type of course work pursued by the student during high school.
- Noticeable improvement by the student in scholastic achievement from year to year.
- ACT/SAT scores.
- Teacher and/or Counselor ratings on the student's personality and character.
- Student's social media accounts.
- Indication of the student's special ability in leadership, music or art.
- Service to the school by the student.
- Service to the community by the student.
- Student's involvement in extracurricular activities (sports, clubs, drama, etc.)
- Attendance record and personal profile of the student.
- Accuracy and neatness of college application.
- Letters of recommendation.
- Student essay and/or personal interview (if required)

RECOMMENDED COLLEGE ADMISSION STANDARDS

Based on the most recent trends by college admission officers and our own experiences, we are **recommending** that a student take AT LEAST the following courses if they plan to attend a four year college or university after graduation. These are MINIMUM RECOMMENDATIONS--not absolute requirements nor a guarantee for acceptance to a college. All courses must be college preparatory level if they are to count toward college admission requirements. Some colleges may require an ACT writing score.

English - 4 units
Mathematics - 4 units (not including 8th grade Algebra)
Science - 3 units (not including 9th grade required science)
Social Studies - 3 units
Foreign Language - 2 units (must be 2 units of same language)
Fine Arts - 1 unit

The IDEAL curriculum for admission to a college as well as to PREPARE the student for success at the college level would be:

English - 4 units (college prep/advanced/CCP recommended)
Mathematics - 4 units (college prep/advanced/CCP recommended)
Science - 4 units (college prep/advanced/CCP recommended)
Social Studies - 3 units (Advanced/AP/CCP recommended)
World Language - 3 units of the same language (or 2 units of 2 different languages)
Fine Arts - 1 unit

COLLEGE PREP PATHWAY

The following suggested course sequence is for those students who plan on attending a four year college or university. When selecting your courses consider those majors you are interested in studying in college and make necessary modifications.

9th Grade Recommended

1. Advanced English 9
2. Algebra I/Advanced Geometry
3. World History
4. Advanced Biology
5. Spanish I
6. Health/Physical Education*
7. Study Hall /Elective

10th grade Recommended

1. Advanced English 10
2. Advanced Geometry/Advanced Algebra II
3. Advanced American History
4. Chemistry
5. Spanish II
6. Fine Art
7. Study Hall

11th Grade Recommended

1. CCP/Advanced English 11
2. Adv. Algebra II or or CCP/Pre-Calc
3. Chemistry II, Anatomy, Physics or Stem
4. AP Govt
5. Physical Education/Elective
6. Spanish III
7. Study Hall

12th Grade Recommended

1. CCP/Advanced English 12
2. CCP/Pre-Calculus or CCP/Calculus
3. Chemistry II, Anatomy, Physics, or Stem
4. Sociology/Psychology
5. Elective
6. Elective
7. Study Hall

GENERAL PATHWAY

This course sequence is for those students who are not planning on attending a 2 or 4 year college or do not wish to attend the Career Center. Students should select elective courses that will be of value in their future plans.

Students who have not decided on their future plans are encouraged to work with their guidance counselor in an attempt to formulate their plans for the future.

9th Grade Recommended

1. English 9
2. Applied Algebra or Algebra I
3. Biology
4. World History
5. Health/Physical Education
6. Fine Arts
7. Study Hall

10th Grade Recommended

1. English 10
2. Algebra I or Geometry
3. Physical Science
4. American History
5. Elective
6. Physical Education/Elective
7. Study Hall

11th Grade Recommended

1. English 11
2. Global or Forensics Science
3. Geometry/Algebra II/Pre-Calculus
4. American Government
5. Elective
6. Elective
7. Study Hall

12th Grade Recommended

1. English 12
2. Algebra II/Pre-Calculus/Calculus
3. Elective
4. Fine Arts/Elective
5. Elective
6. Electives
7. Study Hall

NE TO SPRINGFIELD-CLARK CAREER TECHNOLOGY CENTER (CTC)/VOCATIONAL PATHWAY

I. This course sequence is designed for those students who would like to start obtaining skills that will allow them to enter the job market or to pursue further training in colleges, universities or technical schools. This can be accomplished by taking courses at The Springfield-Clark Technology Center (CTC).

The number of students admitted into each program is limited. There is no guarantee that students will be selected for their first choice. Attendance, interest, and behavior, in addition to grades, are considered in the selection process.

9th Grade recommended

1. English 9
2. Applied Algebra or Algebra I
3. World History
4. Health/Physical Education
5. Biology or Adv Biology
6. Elective
7. Study Hall

10th Grade recommended

1. English 10
2. Algebra I or Geometry
3. American History
4. Physical Education
5. Physical Science or Chemistry
6. Elective
7. Fine Arts/Study Hall

II. The following course sequence is for those students planning to pursue Tech Prep program at CTC.

9th Grade Recommended

1. Study Hall/Elective
2. Algebra I
3. Biology or Advanced Biology
4. English 9 or Advanced English 9
5. World History
6. Fine Arts or Foreign Language
7. Health/Physical Education

10th Grade Recommended

1. Study Hall/Elective
2. Advanced Geometry
3. Physical Science or Chemistry
4. English 10/Advanced English 10
5. American History or Adv American History
6. Physical Education/Elective
7. Fine Arts/Foreign Language

11th Grade Recommended

College Tech Prep program at CTC

12th Grade Recommended

College Tech Prep program at CTC

Health, Physical Education, Fine Arts and Foreign Languages are not taught at the Springfield-Clark CTC. Therefore it is recommended that Health, Physical Education and Fine Arts be taken in the 9th and/or 10th grades. If a World Language is desired, it also should be taken in the 9th and 10th grades.

In the 11th and 12th grades, students will attend The Springfield-Clark CTC part or full time in the area they select. Students attending the Springfield-Clark CTC will have 3 Periods per day, per year to complete academic requirements. Those three periods will be used to complete core graduation credit requirements: English (2); Math (2); Science (1); and Social Studies/Government (1).

SPRINGFIELD-CLARK CAREER TECHNOLOGY CENTER

Your Path to Success!

The primary goal of the Springfield-Clark CTC is to assist students in obtaining skills that will allow them to enter the job market or to pursue further training in colleges, universities or technical schools. The CTC offers a variety of programs that provide career-related training. To better serve the education and career development needs of the students at Springfield Clark CTC, the administration has re-structured the classes and assembled them into specific schools. The schools are as follows:

- **The School of Manufacturing, Transportation, Engineering, and Construction (M-TEC)**
- **The School of Information Technology, Education, Communications and Hospitality (I-TECH)**
- **The School of Health & Human Services (HHS)**

CTC Schedule Options

The CTC offers both full-day and half-day programs. Half-day programs allow students to attend the career center for half of the school day and complete academic classes at their associate school. Some associate high schools provide transportation to and from the career center.

Apprenticeship Option

Apprenticeships are available in virtually every career-related program offered at the career center. Apprentices are paid wages while participating employers teach them real-life work skills on the job site. Students attend academic and related classes at the career center and participate in co-op, work-site learning in coordination with the apprenticeship.

Academics

In addition to learning career-related skills students may also take English, Government, History, Math and Science courses. We offer both general and advanced academics like CP English, Chemistry, Algebra II, Physics and Calculus. Academic courses teach concepts that are directly related to a student's technical program and fulfill requirements for graduation and college admission.

Credits

Students at the career center may earn up to fourteen credits toward graduation depending on the program in which they choose to enroll.

College Credit at CTC

CTC has articulation agreements with Clark State Community College, Northwestern College, Columbus State Community College, The Nashville Auto-Diesel College, and Sinclair Community College to just name a few. These articulation agreements allow students to earn college credit while attending the career center. Post-secondary options are available to students who qualify. The first step to qualify is attend your home school's College Credit Plus (CCP) informational meeting and submit a completed "Intent to Participate" form to your home high school by the April 1 deadline. This is a statewide requirement and deadline for participation in College Credit Plus providing a way to earn college credit while still in high school.

Fees

Students of local high schools may attend the career center tuition-free. However, depending on the program, students may be required to pay for tools, uniforms and a school fee. Scholarships, fee assistance and payment plans are available to student who qualifies financially.

Transportation

The Associate high school will bus students to and from the CTC. Students may choose to provide their own transportation.

Extra-curricular Activities at CTC

The CTC daily schedule allows students to participate in extra-curricular activities like sports, band, and cheerleading at their associate high school. In addition to participation in various activities available at the associate high school, CTC students may get involved in the following national student organizations, which help develop leadership skills:

BPA – Business Professionals of America
FCCLA – Family, Community & Career Leaders of America
SkillsUSA – The largest Career Technical Student Organization in the USA

NHS – National Honor Society
H2O Club – similar to Student Council

Many of the clubs offer leadership opportunities and skill competitions that challenge students to compete for awards by mastering skills in their career technical program.

Graduation

Upon successful completions of the CTC program and academic courses, CTC students will graduate and receive a high school diploma from their associate high school. CTC students will also attend the Convocation Ceremony that is held on the last day of school. Students who successfully complete their career technical program receive a certificate of completion and a Career Passport

Springfield-Clark CTC - Career Fields and Programs

Ag & Environmental Systems

Animal Science & Management
Natural Resource Management

Arts & Communication

Computer Graphic Arts

Construction Technologies

Carpentry
Electrical Trades
Heating & Air Technology

Education & Training

Early Childhood Education & Care

Engineering & Science Technologies

Computer Aided Drafting & Design
Engineering

Health Science

Dental Assisting
Health Academy
* Health Occupations Technology
* Medical Assisting
* Nurse Assisting

Hospitality and Tourism

Culinary Arts
Hospitality & Tourism

Human Services

Cosmetology

Information Technology

Computer Networking & Cyber Security
Computer Programming & Game Design
Multimedia Production

Manufacturing Technologies

Welding & Fabrication

Transportation Systems

Auto Body Collision Repair
Auto Services
Auto Technology

Withdrawal-Transfer Policy

If students who have been accepted at the CTC change their mind prior to June 1st the following steps should be completed in order to re-enroll at their local high school:

1. Notify the Associate Schools Coordinator at 325-7368 ext. 113 that they will not be attending the CTC.
2. Call the associate high school and schedule an appointment with their counselor to prepare a class schedule.

Students who do not withdraw from the CTC by June 1st may transfer back to their associate high school under the following guidelines:

1. Students are required to attend the CTC for a one-week trial period (five school days).
2. The final decision to return to the associate high school must be made before the tenth day of school at the CTC.
3. After the tenth day of school students are obligated to complete the year at the CTC

4 YEAR PLAN

As mentioned earlier, the key to a successful 4 years is planning. It is only through careful thought and planning that students can reach their goals. This page has been provided for you for that purpose.

Plan your entire 4 years of high school. Keep in mind that you must meet the requirements for graduation. Realize that your plans may change in the four years and what you put down here is not a definite commitment to those plans. Students are encouraged to take a semester of Health and a semester of PE during the freshman year with a plan to have the Health and Physical Education required credits earned by the end of the sophomore year.

As you plan your curriculum, remember that you must be realistic. Evaluate yourself and plan accordingly. Pay close attention to course pre-requisite/co-requisite requirements, especially if you are pursuing the Diploma with Honors.

General Level Curriculum

9th GRADE	10th GRADE
1. English 9/Adv English 9	1. English 10/Adv English 10
2. Applied Alg/Algebra I/Geometry/ Adv Geom	2. Geometry/Adv Geom/Algebra II/Adv Algebra II
3. Biology/Advanced Biology	3. Physics/Advanced Physical Science
4. World History	4. American History/Advanced American History
5. Health/PE	5. PE/Elective
6. Study Hall	6. Fine Arts/Elective
7. Fine Arts/Elective	7. Elective/Study Hall

11th GRADE	12th GRADE
1. English 11/Adv Eng 11/CCP Adv Eng 11	1. English 12/Adv Eng 12/CCP Adv Eng 12
2. Algebra II/Adv Algebra II/Pre-Calculus/CCP Pre-Calc	2. Algebra II/Adv Algebra II/Pre-Calculus/CCPre-Calc/CCP Calculus
3. Global Science/Chem I/Anatomy	3. Anatomy/Chem II/Physics (not required for diploma)
4. American Government	4. Social Studies Electives
5. Elective	5. Elective
6. Elective	6. Elective
7. Elective/Study Hall	7. Elective/Study Hall

COLLEGE CREDIT PLUS

Earn college credit while in high school.

(This replaces the Post Secondary Enrollment Options and College in the Classroom programs.)

Opportunity for students to earn high school and college credit through courses offered in the high school and on a college campus.

Who's eligible? Students who will be entering grades 7-12 for the 2023-2024 academic year may be eligible to participate in College Credit Plus (CCP). Students must gain acceptance to a participating college or university including meeting their entrance testing requirement.

College Credit Plus courses earn high school AND college credit with the grades earned being calculated in high school GPA and rank. NOTE: The student/parent will be required to reimburse the district all costs for any CCP course in which the students fails to complete the college course either through withdrawal or nonattendance OR if the student earns a failing grade in the college course.

INFORMATIONAL MEETING: Students and parents should attend the county CCP informational meeting. Representatives from local colleges and universities will be present as well.

APRIL 1 DEADLINE: The Ohio Department of Education has set April 1 as the deadline for students to submit a signed "Intent to Participate" form to their high school guidance office in order to be eligible to participate in College Credit Plus the upcoming academic year. **This form is required for courses taken at the high school for college credit** as well as those taken at the college. **NOTE: SUBMITTING THIS FORM BY THE DEADLINE IS REQUIRED FOR ALL STUDENTS EVEN THOSE WHO PARTICIPATED IN COLLEGE CREDIT PLUS THE PREVIOUS ACADEMIC YEAR.**

NORTHEASTERN LOCAL SCHOOL DISTRICT CREDIT FLEXIBILITY

Ohio Senate Bill 311 allows alternate pathways for those students who are eligible to receive high school credit through the use of Credit Flexibility Plans (CFP). Our district policy and procedures for use of Credit Flexibility can be found on the Northeastern website. Please pay special attention to the application deadline dates: "CFP applications must be submitted for approval during the first full school week of May or January to be considered for the following semester."

SCHEDULE CHANGES

As a student you will be given ample time to discuss your future schedule and courses with your parents, counselor, teachers, and principal. Once you have made your decision and your schedule has been approved by your parents and counselor, making a change in your schedule after the school year has begun is not a matter to be undertaken without very serious consideration and significant input from many sources. Any course dropped after the 1st five (5) weeks of class will be dropped with an F impacting the student's G.P.A.

REASONS FOR SCHEDULE CHANGES (A request for a schedule change must meet one of the following criteria then it is based on course availability):

- IF YOU FAILED A COURSE
- IF YOU WENT TO SUMMER SCHOOL AND PASSED THE COURSE IN WHICH YOU ARE ENROLLED
- IF YOU NEED A REQUIREMENT FOR GRADUATION

- YOU MAY ADD AN ELECTIVE FOR A STUDY HALL
- YOU MAY SUBSTITUTE A MORE DIFFICULT CLASS FOR AN EASIER CLASS
- IF YOU HAVE SEVEN (7) CLASSES, YOU MAY DROP AN ELECTIVE FOR A STUDY HALL (**BE CAREFUL ABOUT ATHLETIC ELIGIBILITY**)
- MAY ADD AN ELECTIVE FOR ATHLETIC ELIGIBILITY

SCHOOL COUNSELING OFFICE

The counseling office offers a variety of services for students and parents. Information is available in the guidance office for: careers, the military, colleges, scholarships, financial aid, and social service and community agencies. Personal and academic counseling is available to students both individually and in groups. The guidance counselor meets annually with individual students to assist with scheduling. Any concerns or questions about scheduling should be directed to them.

DISTRICT WIDE GRADING SCALE

<u>% AVG</u>	<u>LETTER GRADE</u>	<u>POINT VALUE</u>	
90-100	A	4.0	Northeastern uses a 4.0, unweighted grading scale. Grade Point Average (GPA) and Class Rank are calculated each semester using the Semester Average for each course. The
80 - 89	B	3.0	Semester Average is calculated with each quarter grade worth 40% of the Semester average and the Semester Exam is worth 20%
70 - 79	C	2.0	of the semester average. The final average for year long courses is the
60 - 69	D	1.0	average of each semester's average grade. The final average for a course must be 65 or above to be considered passing and earning credit.
0 - 59	F	0.0	

HOW IS THE SEMESTER AVERAGE CALCULATED?

1st Quarter Average = 40%
 2nd Quarter Average = 40%
 Semester Exam = 20%

3rd Quarter Average = 40%
 4th Quarter Average = 40%
 Semester Exam = 20%

Example: 1st Quarter Average = 80; 2nd Quarter Average = 84; Exam = 76

$(80 \times 4) + (84 \times 4) + (76 \times 2)$ divided by 10

$320 + 336 + 152 = 808$

$808 \text{ divided by } 10 = 80.8$

First semester average = 80.8 (which would round up to 81 for a C+)

GPA and RANK are calculated using semester average so the C+ = 2.0 points in calculating GPA

Note: Semester Averages for those courses which do not administer a semester exam will be calculated by averaging the previous two quarters.

HOW IS FINAL AVERAGE CALCULATED?

1ST Semester Average + 2nd Semester Average divided by 2 = Final Average
Final Average must equal 60 or higher to earn credit towards graduation.

Example: 1st Semester Average = 63; 2nd Semester Average = 74

63 + 74 = 137

137 divided by 2 = 68.5 = credit earned

NOTE: Northeastern GPA and Rank are unweighted.

***Starting with the class of 2026, GPA and Rank will be weighted**

Note: Final averages for those courses which do not administer semester exams will be calculated by averaging semester one and semester two.

COURSE DESCRIPTIONS BY DEPARTMENT

(Please note not all courses are offered every year. Course offerings are dependent on faculty availability, student requests and district funding.) CCP identified courses are approved or in the process of being approved for college credit. **Students selecting and registering for a CCP course are responsible for meeting the college application and course testing requirements by the deadline in order to remain enrolled in the CCP course to receive college credit.**

****These courses are part of the Ohio's state testing requirement for graduation for the Class of 2018 and beyond.**

ART

INTRO TO STUDIO ART

101

Prerequisite: None

2 sequential semesters

1 credit

Intro to Studio Art is a foundation course designed to develop confidence while being exposed to a variety of visual experiences. These experiences include both two-dimensional and three-dimensional art with an emphasis on the elements and principles of design. The course introduces students to visual art through basic design, drawing, painting, ceramics, and mixed media. Students will become familiar with art related techniques, tools, vocabulary, and art history. Completing a full year of this class meets the art requirement for graduation at NEHS.

The following courses are recommended for second and third year art students

DRAWING

105A

Prerequisite: Intro to Studio Art

First semester

1/2 credit

This semester course is offered as an additional art elective for students who are interested and motivated by two-dimensional media, with an emphasis on drawing. The focus will be on developing skills learned in previous art classes along with the development of new techniques. Drawing is emphasized, while other 2D art techniques are highlighted. This class is an opportunity to start developing work geared toward the student's portfolio.

PAINTING

Second semester

1/2 credit

115B

Prerequisite: Intro to Studio Art

This semester course is offered as an additional art elective for students who are interested and motivated by two-dimensional media, with an emphasis on painting. The focus will be on developing skills learned in previous art classes along with the development of new techniques. Painting is emphasized, while other 2D art techniques are highlighted. This class is an opportunity to start developing work geared toward the student's portfolio.

GRAPHIC DESIGN 1

First semester

1/2 credit

106

Prerequisite: Intro to Studio Art

This semester course is offered as an additional art elective for those students who are interested in photography. Students will use a digital format. Students will participate in an online class and digital information. Topics included in this course are history of photography, how the elements and principles of art are applied to photography, key areas of photography, such as, lighting, portraiture and artistic photographs, online digital editing, process of critique, how to create digital slide presentations and digital portfolios. Students are permitted to use cell phone cameras in this course.

SCULPTURE

Second semester

1/2 credit

109

Prerequisite: Intro to Studio Art

This semester course is offered as an additional art elective for students who are interested in more tactile three-dimensional form. Possible materials to be worked with are: Paper-Mache, paper forms, wood, metal, wire, plaster, glass and mixed media. Techniques of relief, molds, carving (subtractive process) and building (additive process) will be explored. The emphasis will be on developing skills they have learned in previous art classes while expanding their knowledge of 3-D forms, tools and techniques within sculpture.

POTTERY

First semester

1/2 credit

107

Prerequisite: Intro to Studio Art

This semester course is offered as an additional art elective for students who are interested in and motivated by three-dimensional media, focusing on clay (functional and sculptural). Students will be introduced to wheel throwing. The emphasis will be on developing skills they have learned in previous art classes while broadening their knowledge of 3-D forms.

GRAPHIC DESIGN I

First semester

1/2 credit

106

Prerequisite: Intro to Studio Art

This semester course is offered as an additional art elective for those students who are interested in photography and digital arts. Topics included in this course are history of photography, how the elements and principles of art are applied to digital works. Lighting, portraiture, artistic photographs, online digital editing, process of critique, how to create digital slide presentations and digital portfolios are all included in this class.

*Students need to have access to a camera for this class.

GRAPHIC DESIGN II

Second semester

1/2 credit

110

Prerequisite: Graphic Design I

Graphic Design explores the relationship between art and technology. This class allows students to be introduced to graphic design techniques, visual communication media such as print media, digital manipulation, and advertising. Photoshop will be the primary tool for creating work. This class will include photography but focuses on the profession of Graphic Design and how to develop work in the digital world.

The following courses are recommended for third and fourth year art students

PORTFOLIO I 128A Prerequisite: 2 years of Art	First semester	1/2 credit
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This course is an opportunity for those students looking to include the arts in their lives beyond High School. The class will place emphasis on the portfolio building process which includes, creation of a digital and/or social media portfolio, photography, artist statements, scholarship research, art show entries, the decision process into areas/concentration of future study, and college application processes. The goal is a professional portfolio for college applications and future career opportunities.

PORTFOLIO II 128B Prerequisite: 2 years of Art	Second semester	1/2 credit
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This course is an opportunity for advanced art students to further explore media of their choice and develop work to add to a portfolio. The goal of this course is to heighten skills learned in previous art courses and progress toward college level work. Preliminary planning will be needed for projects. Students taking this course will need to be self-motivated and independent workers and the end result will be a professional portfolio for college applications and future career opportunities.

INDEPENDENT STUDY IN ART 118A/B Prerequisite: 2 years of Art and teacher approval	1 semester	1/2 credit
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This course is an opportunity for advanced art students to further explore media of their choice and develop work to add to a portfolio. The goal of this course is to heighten skills learned in previous art courses and progress toward college level work. Preliminary planning will be needed for projects. Students taking this course will need to be self-motivated and independent workers. The work created in this class will be subject to student and teacher discussion. *This course will need prior teacher approval. Grade of B or better AND teacher approval required to repeat this course for additional credit.

BUSINESS

MGT 1105 - INTRODUCTION TO BUSINESS 5907 Prerequisite: Any student who qualifies for and is in the CCP program	1 semester	3 College Credits/1 HS Credit
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Current concepts of American business encompassing social and ethical responsibilities, global markets, government regulation, and taxation. Forms of business, administration, management, organized labor, and other basic business concepts.

INTRODUCTION TO BUSINESS 907 Prerequisite: None	1 semester	1/2 credit
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This hands-on course is designed for the student who is interested in the field of business. Students will analyze and address business topics such as marketing, management, accounting and economics, labor and government, consumer choices, banking, and credit reports.

TECHNOLOGY

COMPUTER PROGRAMMING

1 semester

1/2 credit

908A

Prerequisite:

Students in this course will dive into object-oriented programming. Languages introduced will be JavaScript, Python, and Java. Students will learn concepts of variables, looping, arrays, and basic GUI creation.

GOOGLE PROJECTS

1 semester

1/2 credit

909

Prerequisite:

Students in this course will be diving deep into the abilities of the Google Suite in order to learn to create fascinating presentations and useful tools for life. This course is a project-based learning course meant to help make students experts in using Google.

INTRO TO ROBOTICS

1 semester

1/2 credit

518

This hands-on course is designed to introduce students to the basics of engineering through the use of robotics. Students will learn and apply science, technology, engineering, and mathematics (STEM) principles to creatively solve authentic problems using Lego Mindstorms EV3 robots and the graphical EV3 programming language. Students will learn to construct, control and program these robots through investigative and exploration activities. Research projects will expose the students to the engineering process.

TECHNOLOGY SURVEY

1 semester

1/2 credit

910

Prerequisite: Intro to Robotics or Computer Programming

3d Printing, Arduino, Raspberry Pi, Python, Java, and Scratch are all topics this course will cover. Students will have the opportunity to fine-tune basic programming skills for powerful micro-computers (Arduino and Raspberry Pi). Students will get to attempt to make machines follow tasks based on programming alone. This is a project-based course meant to give an introduction to popular technologies being used around the world. If you are interested in computer programming, computer science, or engineering, then you should sign up for this course.

VIDEO TECHNOLOGY I

1 semester

1/2 credit

111

Prerequisite:

"The Scoreboard Class" will not just let you play with video equipment and master editing skills, but it will let you put your work up for all to see every Friday night. Students in the course will be required to work some home sporting events as a sideline camera operator or actually running our video scoreboard. *Required to attend one Friday night football game.

VIDEO TECHNOLOGY II

1 semester

1/2 credit

121

Prerequisite: Video Technology I or Instructor permission.

Students in this course will be project leaders for Video Technology I. Students will work with groups in creating content for our scoreboard. Video Tech II students will get to learn how to plan projects, lead other students, and help bring ideas to life. Students will be required to work some home sporting events.

CSD 1510- PROGRAMMING FUNDAMENTALS WITH PYTHON
5910

1 semester

1 HS Credit/ 3 College Credits

Prerequisite: Any student who qualifies for and is in the CCP program

Fundamental programming constructs and concepts. Designed for students with little or no programming experience. Study of variables, constants, looping, strings, flowcharting basics, programming logic, and data validation techniques.

ENGLISH

ENGLISH 9
301

2 sequential semesters

1 credit

Prerequisite: None

This is the introductory course to high school reading and writing . It is driven by the Ohio Common Core State Standards. Strands that will be addressed in this course are: literature, informational text, writing (various types, audiences, and purposes), speaking and listening, and language. Students will be required to read and analyze independently selected books throughout the year.

****Students may be required to buy new and un-annotated paperback books.**

ENGLISH 10
302

2 sequential semesters

1 credit

Prerequisite: English 9 or equivalent, or Advanced English 9

This course teaches to the Common Core State Standards. Strands that will be addressed in this course are: literature, informational text, writing (various types, audiences, and purposes), speaking and listening, and language. Papers are assigned throughout the year along with project-based learning assignments. An emphasis is placed on organization, time management, work ethic, and collaboration with classmates. Students are required to read independently selected books throughout the year and complete a project for each. NELSD has adopted curriculum called Study Sync which is a “comprehensive, twenty-first century ELA program that leverages cutting edge technology to create an engaging, relevant program with multimedia content available 24/7 from any desktop, tablet, or mobile device...The core program was built from the ground up to fully align with the Common Core State Standards for ELA” (vi TRC). Each unit focuses around a different question relating to the main idea.

ADVANCED ENGLISH 10
312

2 sequential semesters

1 credit

Prerequisite: A grade of B or above in Advanced English 9 is recommended; grade of C in Adv English 9 or B in English 9 with teacher approval.

This course teaches to the Common Core State Standards. Strands that will be addressed in this course are: literature, informational text, writing (various types, audiences, and purposes), speaking and listening, and language. Papers are assigned throughout the year along with project-based learning assignments. An emphasis is placed on organization, time management, work ethic, and collaboration with classmates. Students are required to read independently selected books throughout the year and complete a project for each. NELSD has adopted the Study Sync curriculum and is a “comprehensive, twenty-first century ELA program that leverages cutting edge technology to create an engaging, relevant program with multimedia content available 24/7 from any desktop, tablet, or mobile device...The core program was built from the ground up to fully align with the Common Core State Standards for ELA” (vi TRC). Each unit focuses around a different question relating to the main idea.

****Students will be required to buy new and un-annotated paperback books.**

ENGLISH 11

2 sequential semesters

1 credit

303

Prerequisite: English 10 or equivalent, or Advanced English 10.

This course teaches to the Common Core State Standards. Strands that will be addressed in this course are: literature, informational text, writing (various types, audiences, and purposes), speaking and listening, and language. Papers are assigned throughout the year along with project-based learning assignments. An emphasis is placed on organization, time management, work ethic, and collaboration with classmates. Students are required to read independently selected books throughout the year and complete a project for each. NELSD has adopted a new curriculum to be used within the English Department. The curriculum is called Study Sync and is a "comprehensive, twenty-first century ELA program that leverages cutting edge technology to create an engaging, relevant program with multimedia content available 24/7 from any desktop, tablet, or mobile device...The core program was built from the ground up to fully align with the Common Core State Standards for ELA" (vi TRC). It is broken down into 4 thematic units: We The People, The Individual, Modern Times, and Seeking Romance. Each unit focuses around a different question relating to the main idea.

ADVANCED ENGLISH 11

2 sequential semesters

1 credit

313

Prerequisite: A grade of B or above in Advanced English 10 recommended; grade of C in Advanced English 10 or B in English 10 with teacher approval

This course teaches to the Common Core State Standards. Strands that will be addressed in this course are: literature, informational text, writing (various types, audiences, and purposes), speaking and listening, and language. Papers are assigned throughout the year along with project-based learning assignments. An emphasis is placed on organization, time management, work ethic, and collaboration with classmates. Students are required to read independently selected books throughout the year and complete a project for each. NELSD has adopted a new curriculum to be used within the English Department. The curriculum is called Study Sync and is a "comprehensive, twenty-first century ELA program that leverages cutting edge technology to create an engaging, relevant program with multimedia content available 24/7 from any desktop, tablet, or mobile device...The core program was built from the ground up to fully align with the Common Core State Standards for ELA" (vi TRC). It is broken down into 4 thematic units: We The People, The Individual, Modern Times, and Seeking Romance. Each unit focuses around a different question relating to the main idea. **Students will be required to buy new and un-annotated paperback books. **THERE IS A SUMMER READING ASSIGNMENT. **STUDENTS WHO REQUEST THIS COURSE AND MEET THE PREREQUISITE(S) FOR THE COURSE WILL BE REQUIRED TO REMAIN IN THE COURSE AND MAY NOT BE ALLOWED TO DROP THIS COURSE FOR ENGLISH 11.

ENG 1111 – English I

1 semesters

1 credits

5313A

Prerequisite: A grade of C or above in Advanced English 9 and 10; grade of B or above is strongly recommended AND meet the Clark State application and testing requirements **BY THE DEADLINE** in addition to the state requirements to participate in CCP.

Welcome to College Credit Plus 11 - ENG1111. Students enrolled in Advanced English 11 will be in this course as well. This course teaches students to write clearly and accurately in a variety of contexts and formats and to use critical thinking and problem solving to draw logical conclusions. Students will develop effective sentence writing, effective paragraph writing, effective essay writing, revision skills, and acceptable social interactions; create essays in a variety of rhetorical modes; and demonstrate knowledge of grammar and usage basics and understanding of basic library usage. Students will be exposed to writing a variety of academic and argumentative essays and language issues and research skills. **This course is writing intensive: 5000 total words (20 pages total written work).** Electronic or other projects of academic rigor and substance are considered; however, the primary focus is on formal, written work.

**Students will be required to buy new and un-annotated paperback books.

****STUDENTS WHO REQUEST THIS COURSE AND MEET THE PREREQUISITE(S) FOR THE COURSE WILL BE REQUIRED TO REMAIN IN THE COURSE AND MAY NOT BE ALLOWED TO DROP THIS COURSE FOR (ADVANCED) ENGLISH 11.**

ENG 1600 – Introduction to Literature

1 semester

1 credit

5313B

Prerequisite: A grade of C or above in CCP11: ENG1111

Welcome to College Credit Plus 11 – ENG1600. This course will acquaint students with various texts and authors throughout literature. Critical readings, discussion and analysis of poetry, fiction, and drama will be addressed. This course will also include various writing elements throughout. Students will be required to write in-depth and thoughtfully over literature read. Students will also be required to complete various projects during the course. There will be a culminating project/paper for the final exam.

****Students will be required to buy new and un-annotated paperback books.**

****STUDENTS WHO REQUEST THIS COURSE AND MEET THE PREREQUISITE(S) FOR THE COURSE WILL BE REQUIRED TO REMAIN IN THE COURSE AND MAY NOT BE ALLOWED TO DROP THIS COURSE FOR (ADVANCED) ENGLISH 11.**

ENGLISH 12

2 sequential semesters

1 credit

304

Prerequisite: The student must already have earned 3 full English credits.

This course teaches to the Common Core State Standards. Strands that will be addressed in this course are: literature, informational text, writing (various types, audiences, and purposes), speaking and listening, and language. Papers are assigned throughout the year along with project-based learning assignments. An emphasis is placed on organization, time management, work ethic, and collaboration with classmates. Students are required to read independently selected books throughout the year and complete a project for each. NELSD has adopted a curriculum called Study Sync which is a “comprehensive, twenty-first century ELA program that leverages cutting edge technology to create an engaging, relevant program with multimedia content available 24/7 from any desktop, tablet, or mobile device...The core program was built from the ground up to fully align with the Common Core State Standards for ELA” (vi TRC). Each unit focuses around a different question relating to the main idea.

ADVANCED ENGLISH 12

2 sequential semesters

1 credit

314

Prerequisite: A grade of B or above in Advanced English 11 is recommended; grade of C in Advanced English 11 or B in English 11 with teacher approval

This course teaches to the Common Core State Standards. Strands that will be addressed in this course are: literature, informational text, writing (various types, audiences, and purposes), speaking and listening, and language. Papers are assigned throughout the year along with project-based learning assignments. An emphasis is placed on organization, time management, work ethic, and collaboration with classmates. Students are required to read independently selected books throughout the year and complete a project for each. NELSD has adopted a new curriculum to be used within the English Department. The curriculum is called Study Sync and is a “comprehensive, twenty-first century ELA program that leverages cutting edge technology to create an engaging, relevant program with multimedia content available 24/7 from any desktop, tablet, or mobile device...The core program was built from the ground up to fully align with the Common Core State Standards for ELA” (vi TRC). It is broken down into 4 thematic units: Epic Heroes, The Human Condition, An Exchange of Ideas, and Emotional Currents. Each unit focuses around a different question relating to the main idea.

Prerequisite: A grade of B or above in Advanced English 11 is recommended; grade of C in Advanced English 11 or B in English 11 with teacher approval ****Students will be required to buy new and un-annotated paperback books. **THERE IS A SUMMER READING ASSIGNMENT. **STUDENTS WHO REQUEST THIS COURSE AND MEET THE PREREQUISITE(S) FOR THE COURSE WILL BE REQUIRED TO REMAIN IN THE COURSE AND MAY NOT BE ALLOWED TO DROP THIS COURSE FOR ENGLISH 12.**

ENG 1112 – English II

1 semesters

1 credits

5314A

Prerequisite: A grade of C or above in CCP11: ENG1111 and/or CCP11: ENG2500 or CCP11: ENG1600

Welcome to College Credit Plus 12 – ENG1112. This course will continue to teach students to write clearly and accurately in a variety of contexts and formats. Students will continue to develop effective sentence writing, effective paragraph writing, effective essay writing, revision skills, and acceptable social interactions; create essays in a variety of rhetorical modes; and demonstrate knowledge of grammar and usage basics and an understanding of basic library usage. Students will be exposed to writing a variety of academic and

argumentative essays and language issues and research skills. **This course is writing intensive with a minimum of 5000 total words (20 pages total written work).** Electronic or other projects of academic rigor and substance are considered; however, the primary focus is on formal, written work. There will be a culminating project/paper for the final exam.

****Students will be required to buy new and un-annotated paperback books.**

****STUDENTS WHO REQUEST THIS COURSE AND MEET THE PREREQUISITE(S) FOR THE COURSE WILL BE REQUIRED TO REMAIN IN THE COURSE AND MAY NOT BE ALLOWED TO DROP THIS COURSE FOR (ADVANCED) ENGLISH 12.**

ENG 2300 – Great Books: World Literature

1 semester

1 credit

5314B

Prerequisite: A grade of C or above in CCP12: ENG1112

Welcome to College Credit Plus 12 – ENG2300. This course will acquaint students with various texts and authors throughout the world. There is a chronological selection of works, genres, and periods of world literature beginning with the ancients and progressing through modern times. This course will also include various writing elements throughout. Students will be required to write in-depth and thoughtfully over each novel read. Students will also be required to complete various projects during the course. There will be a culminating project/paper for the final exam.

****Students will be required to buy new and un-annotated paperback books.**

****STUDENTS WHO REQUEST THIS COURSE AND MEET THE PREREQUISITE(S) FOR THE COURSE WILL BE REQUIRED TO REMAIN IN THE COURSE AND MAY NOT BE ALLOWED TO DROP THIS COURSE FOR (ADVANCED) ENGLISH 12.**

FAMILY AND CONSUMER SCIENCE

CAREER & COLLEGE READINESS

1 semester

1/2 credit

969

Prerequisite: Grades 10-12

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship.

CHILD DEVELOPMENT

1 semester

1/2 credit

921

Prerequisite: Grades 10-12

In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.

CONSUMER ECONOMICS

1 semester

1/2 credit

977

Prerequisite: Grades 10-12

In this course, students will study public policy and consumer behavior related to consumer economics. Throughout the course, students will examine laws and regulations that affect the consumer. Additional topics will include consumer expenditures, consumer fraud, global economy, large purchases, and contracts.

FASHION DESIGN 1 semester 1/2 credit
961

Prerequisite: Grades 9 -12

Will require the purchase of material and notions to complete project(s).

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.

FOOD SCIENCE 1 semester 1/2 credit
967

Prerequisite: Grades 9-12

In this course, students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situation. Food safety and sanitation techniques will align to industry-recognized certifications.

GLOBAL FOODS 1 semester 1/2 credit
966

Prerequisite: Grades 9-12/Principles of Food

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes.

INTERIOR DESIGN FURNISHINGS & MANAGEMENT 1 semester 1/2 credit
976B

Prerequisite: Grades 9-12/Textiles & Interior Design

In this course, students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths.

PERSONAL FINANCIAL MANAGEMENT 1 semester 1/2 credit
970

Prerequisite: Grades 11-12

In this course, students will develop personal financial plans for individual 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, investing and risk management. **This course is required for graduation.**

PRINCIPLES OF FOOD

1 semester

1/2 credit

978

Prerequisite: Grades 9-12

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.

TEXTILES AND INTERIOR DESIGN

1 semester

1/2 credit

979A

PREREQUISITE: Grades 9-12

In this course students will explore a broad range of topics relating to the various aspects and career opportunities available in the field of textiles and design. The emphasis will be given to textiles project development and developing strategies to maintain the home. Additional topics will include project collaboration, design techniques and environmental sustainability.

TRANSITIONS AND CAREERS

1 semester

1/2 credit

980A/980B

Prerequisite: Grades 9-10

In this course, students will analyze interests, aptitudes and skills to prepare for careers and transition through life. An emphasis will be placed on work ethics, team building, communication and leadership skills. Additional topics will include technology etiquette and career planning.

WORLD LANGUAGE

SPANISH I

2 sequential semesters

1 credit

811

Prerequisite: Required C (76) or above in English the previous year.

This course introduces the fundamentals of the Spanish language through the four basic areas of reading, writing, listening and speaking. Spanish I introduces basic grammatical structures with emphasis on vocabulary pronunciation, and understanding of the language. The student is also given an introduction of customs, culture, and history of Spanish speaking countries. Participation is necessary to be successful in this class.

SPANISH II

2 sequential semesters

1 credit

812

Prerequisite: Required C (76) or above in Spanish I or pre-approved by Instructor.

Spanish II is a continuation and a more in-depth study of the language fundamentals of comprehension, conversation, vocabulary, and grammatical structures introduced in Spanish I. The presentation of history and culture is also continued, so that students can be made aware of differences in life styles and can better understand the world in which we live. Participation is necessary to be successful in this class.

SPANISH III

2 sequential semesters

1 credit

813

Prerequisite: Required C (76) or above in Spanish II or pre-approved by Instructor.

Spanish III stresses the application of the four basic language skills of comprehension, conversation, reading, and writing. There is also emphasis on advanced grammar, culture, and history. Reading and discussion of selected texts with practice in speaking and writing the language.

SPANISH IV
814

2 sequential semesters

1 credit

Prerequisite: Required C (76) or above in Spanish III or pre-approved by Instructor.

The emphasis of Spanish IV is on the total usage of the Spanish language. The class is structured around thematic units designed to challenge students of the intermediate level while exploring contemporary Hispanic and/or Latin American culture. Oral and written presentations are also prepared during the year.

SPANISH V
815

2 sequential semesters

1 credit

Prerequisite: Required C (76) or above in Spanish IV or pre-approved by Instructor.

This course is a culminating class for those who may want to continue Spanish education at the university level. While still advancing language skills, students will be able to pursue areas of interest within the target language and subject matter. There will also be an emphasis on preparing for college placement exams. Students are expected to communicate in the target language.

HEALTH & PHYSICAL EDUCATION

HEALTH

1 semester

1/2 credit

704A/B (1st semester/2nd Semester)

Prerequisite: None

Health is a required course designed to give students a basic understanding of current issues in the health field. Students develop an awareness of mental and physical health, problems facing adolescents such as smoking, drug and alcohol abuse, stress, sleep deprivation, CPR, and sexual behavior. Students will also learn how to develop healthy eating habits and the importance of physical fitness. Material dealing with disease prevention and proper health habits is also presented. During the semester, the health instructors will cover conception, family planning, birth defects, and STD's. Included in the unit will be particular emphasis on decision making, family roles and responsibilities, and respect for one's self and others. Materials will be presented through lectures, discussions, audio visual aids, and guest speakers. **This course is required for graduation.**

PHYSICAL EDUCATION I

1 semester

1/4 credit

701A/B

Prerequisite: None

Students will demonstrate competency in motor skills and movement patterns needed to perform a variety of physical activities. Students will demonstrate an understanding of movement concepts, principles, strategies and tactics as they apply to the learning and performance of physical activities. Students will exhibit responsible personal behavior and social behavior that respects self and others in physical activity settings. Game settings, lead up games and competitive activities will be the focus of the class. This course requires student participation. A student whose absences exceed 14 class meetings per nine weeks/quarter (excused or unexcused) may not receive a passing grade for that grading period. **This course is required for graduation.**

PHYSICAL EDUCATION II

1 semester

1/4 credit

702A/B

Prerequisite: None

Students participate regularly in physical activity and are required to log such activity. Students will achieve and maintain a health-enhancing level of physical fitness utilizing in class activities as well as fitness tests such as **Fitnessgram**. The student will

develop a **personal fitness portfolio** that will require research and time spent out of the classroom to construct the written plan. Students will learn to value physical activity for health, enjoyment, challenge self-expression and/or social interaction. As evidence of such, each student will develop a marketing campaign for physical activity for his/her favorite activity. This course requires student participation. A student whose absences exceed 14 class meetings per nine weeks/quarter (excused or unexcused) may not receive a passing grade for that grading period. **This course is required for graduation.**

HEALTH & PE ELECTIVES – do not count toward the fulfilling the graduation requirement of .5 credits (2 semesters) of physical education.

STRENGTH & CONDITIONING	1 semester	1/2 credit
713A/B		

Prerequisite: Grades 10, 11, 12 NOTE: Grade of B or higher required in course to repeat course for additional credit.

This is a class for those who are serious about improving their physical condition. Areas of conditioning that will be stressed are strength, flexibility, cardiovascular, and speed. This can be a class for the athlete who wishes to enhance his/her overall fitness, but it is important that the student is willing to put a serious physical effort into the class. Activities will include, but not be limited to: flexibility exercises, weight training, running, aerobic activities (jumping rope, etc.) and plyometrics. This course is structured more for the male student; however, the female student is welcome to enroll in the course. Course may be taken more than one time. ***This course does not count towards the physical education requirement for graduation.***

SURVIVAL	1 semester	1/2 credit
723A/B (1 st semester/2 nd semester)		

This course is designed to give the student a better understanding of the fundamental knowledge needed to enjoy hiking, backpacking and camping safety. Students will experience a lifelong activity that promotes a healthy and active lifestyle. Main concept will include: Outdoor living skills, menu planning, choice of proper hiking camping apparel, camp site set-up, hiking safety, how to pack backpacks, wilderness first aid and safety, reading maps, respect of the environment. Mandatory: 1 day outdoor hiking trip and 1 outdoor overnight trip will be required. ***This course does not count towards the physical education requirement for graduation.***

PE WAIVER	2 full seasons in 2 different years	0 credit
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In accordance with Senate Bill 311, students in grades 9-11 may be excused from the physical education (PE) requirement for graduation by participating in District-sponsored interscholastic athletics, marching band, or cheerleading for at least two seasons, **NOT IN THE SAME ACADEMIC SCHOOL YEAR**. If the physical education requirement is waived, the student will be required to complete one half-unit, consisting of at least 60 hours of instruction, in another course of study.

Should a student become injured or not complete the season for **ANY** reason, he/she must find an alternate way to satisfy his/her PE requirement. Participation in interscholastic athletics, marching band, and cheerleading is a privilege, and not a right. This policy shall not in any way be construed as granting a student the right to participate in such district-sponsored activities. Board rules and policies including the Code of Conduct continue to apply. In addition, any student participating in this policy shall be subject to any athletic fee and/or pay-to-participate fee.

Information and the **required PE Waiver form** will be available at Band parent meeting prior to Band Camp and at the mandatory sports meetings at the beginning of each sports season.

NOTE: The PE requirement can be fulfilled by completing 2 full seasons in 2 different years **OR** by successfully completing two semesters of Physical Education – PE I AND PE II. One semester of a PE class and one season of a sport **WILL NOT** fulfill the physical education requirement for graduation.

MATHEMATICS

A graphing calculator, the TI-84 is used for State required testing beginning with Applied Algebra and Algebra I. It can also be used for the upper level math courses throughout your student's high school career. Students are encouraged to include the TI-84 graphing calculator in with their school supplies.

APPLIED ALGEBRA A 2 sequential semesters 1 credit
400
Prerequisite: None

In addition to strengthening basic math concepts, heavy emphasis will focus on data analysis, problem solving skills, and algebraic topics including solving equations, algebraic operations involving real numbers, and geometric relationships involving algebraic concepts.

APPLIED ALGEBRA B 2 sequential semesters 1 credit
401
Prerequisite: Applied Algebra B

Continuation of Applied. Algebra A. This class will help with the preparation of End of Course testing.

ALGEBRA I 2 sequential semesters 1 credit
411
Prerequisite: Upper-class students with less than a "C" average in high school math course(s), must confer with the Algebra I teacher.
Recommended background: "C" in 8th grade Math for entering freshmen.

Algebra I is a more intense and rigorous course. The design of this course will extend beyond the 9th grade math standards. It will encourage the development of higher order thinking skills and prepare students for the more advanced math courses. Students will be expected to master concepts such as the Cartesian Plane, solving equations, functions, polynomial operations, systems of equations, and more.

GEOMETRY 2 sequential semesters 1 credit
402
Prerequisite: Successful completion of Algebra II or Algebra II equivalent

Emphasis in Geometry will be to continue to strengthen basic math skills, algebraic concepts, and to provide the students opportunities to understand and use basic geometric concepts including the application of geometric formulas, inductive and deductive reasoning congruence, similarity, trigonometry and coordinate plane relationships.

ADVANCED GEOMETRY 2 sequential semesters 1 credit
412
Prerequisite: Completion of Advanced Algebra II with a grade of C or above or Algebra II with a C or higher and teacher recommendation.

Advanced Geometry is a more abstract and complex course. The design of this course will continue to prep students for the advanced math courses by surpassing the geometry standards, demonstrating the need for logic and reasoning, as well as, encouraging students to use critical thinking skills, investigate, make real life connections, and more. The concepts covered will develop geometrical relationships through extensive calculations and logic.

ALGEBRA II 2 sequential semesters 1 credit
403

Prerequisite: Completion of Algebra I

A continuation of algebraic and geometric concepts will focus on such topics as complex numbers, functions, transformations, data analysis, and inverse relationships.

ADVANCED ALGEBRA II 2 sequential semesters 1 credit
413

Prerequisite: Completion of Algebra I with a grade of C or higher

Advanced Algebra II is an advanced course that analyzes functions. Students will be able to apply higher order thinking skills to model and solve problems in various ways as they apply to different situations. In addition to preparing students for future advanced math courses, Advanced Algebra II provides students with the instruction and practice necessary to be successful on standardized test, such as the ACT, SAT and college placement tests.

COLLEGE ALGEBRA I/CCP COLLEGE ALGEBRA 2 sequential semesters 1 credit
414/5414

Prerequisite: Successful completion of Advanced Algebra II or an Algebra II equivalent course with teacher recommendation.

*This is a college level course. All students enrolled will be doing college level work. Students who wish to receive college credit must meet NEHS requirements, as well as, Clark State application and testing requirements. CCP credit awarded for MTH 1280, College Algebra, 4 semester credits.

This course will cover algebraic expressions and equations, coordinates and graphs, transformations and composition of functions, exponential and logarithmic functions, inverse functions, polynomial and rational functions, complex numbers, synthetic and long division, matrices, systems, various mathematical theorems, analyze and predict phenomena, and more.

STATISTICS 2 sequential semesters 1 credit
426

Prerequisite: A grade of B or above in Advanced Algebra II is recommended; grade of "C" in Adv Algebra II with teacher approval.

Meets fourth year math requirement. 1st Semester: Introduction to statistical techniques and methodology, including terminology, sample methods, descriptive statistics, data analysis, elementary set theory, elementary probability, random variable, binomial distribution, contingency tables and estimation; with a laboratory exploration of probabilistic and statistical concepts and compilation of routine statistical computations. 2nd Semester: Application of statistical techniques and methodology, sampling theory, design of experiments, correlation and regression, hypothesis testing, and analysis of variance; with a computer laboratory exploration of statistical concepts, computation of statistical parameters and analysis of statistical significance.

PRE-CALCULUS/CCP PRE-CALCULUS 2 sequential semesters 1 credit
415/5415

Prerequisite: A grade of C (76) or above in Advanced Algebra II or teacher approval.

Students who wish to receive college credit must have the appropriate COMPASS, ACT or SAT score to satisfy the entrance requirement.

Pre-Calculus is designed to prepare our advanced students for Calculus and/or College. The course will incorporate the 12th grade math standards and much more. The rigorous concepts taught will enable students to understand the problem, develop a model, solve the problem (algebraically and/or graphically), interpret the solution, and apply it to future scenarios. A few of the topics to be taught will include rational functions, logistics, analytic trigonometry, discrete mathematics, and derivatives.

CALCULUS/CCP CALCULUS 2 sequential semesters 1 credit
430/5430

Prerequisite: A grade of B- (83) or above in Pre-Calculus.

Students who wish to receive college credit must have the appropriate COMPASS, ACT or SAT score to satisfy the entrance requirement.

Calculus is the most intense and rigorous course, where students may be able to obtain college credit, offered at the secondary level. The concepts covered will expose students to limits, derivatives, differential equations, definite integrals and indefinite integrals, L'Hopital's Rule, series, and more. Students may, at a fee, have the opportunity to take the National A.P. exam in May, for which they may earn credit.

MATH MODELING: REAL WORLD APPLICATIONS
424

2 sequential semesters

1 credit

This course is offered as a fourth math credit for students not yet ready for Calculus and Pre-Calculus. The content will help students improve mathematical skills using hands-on lessons in Math Modeling. Each lesson will involve collecting data from experiments or real world resources and then applying mathematical concepts. This may include analyzing football salaries or cell phone plans, modeling cancer cells using M&Ms, or calculating rate of change using microwave popcorn. This course is being piloted at Northeastern High School in conjunction with the Ohio Department of Education.

MATH SURVEY: REAL WORLD APPLICATIONS
404

2 sequential semesters

1 credit

Prerequisite: Algebra B or Algebra I with teacher recommendation

In this class, students will analyze situations and apply the mathematical concepts needed to solve problems. In each unit, students build, test, and present models that describe a real-world situation or problem, such as deciding where to build a fire station. Students do not first learn mathematics and then apply what they've learned. Rather, important questions about the real world come first. Mathematical modeling, data collection, and quantitative reasoning is a central focus throughout the course. This course will meet the Algebra II or equivalent course requirement for graduation.

MUSIC

SYMPHONIC CHOIR
202

2 sequential semesters

1 credit

Prerequisite: None

Recommended background: Students must be able to sing on pitch. If students were in choir the previous year, they must have displayed good citizenship.

Choir is a large choral ensemble that provides students the opportunity to sing in an ensemble setting. Emphasis is placed on correct tone production, breathing, vowel formation, diction, ear training, etc.

Unique activities and/or requirements: Students are required to attend all concerts (number varies with the year). All are expected to attend performances and contests in which the choir participates. Students are required to be in proper dress. Students will be given the opportunity to attend solo and ensemble contests. Those who wish to go must pay for their registration fees and accompanist. All choir members are expected to participate in all of our several fundraisers.

BAND

201

2 sequential semesters

1 credit

Prerequisite: None

This high school instrumental music program offers the student an opportunity to gain skills and a further appreciation of music through participation in a variety of performance groups. Some of these include marching band, concert band, contest band, traveling festival bands, pep band, small ensembles, pit orchestra and participation in solo and ensemble contests. A wide variety of musical literature of many styles and periods is covered throughout the year.

NORTHEASTERN JAZZ BAND

211

2 sequential semesters

1 credit

Prerequisite: None

The Jazz Band will study improvisation and Jazz History as well as prepare music to perform at various events throughout the school year. The Jazz Band rehearses during the school day. There are after school commitments including additional rehearsal as needed and public performances throughout the community. Grades will be based upon individual preparation and attendance as well as sectional and full band rehearsals

History of Rock and Roll 1 - 1900 to 1970

206A

Prerequisite: None

Students will explore a wide variety of musicians, bands, and genres from the early days of Rock and Roll. Students will learn a variety of musical vocabulary from a conversational perspective to gain a greater appreciation of one of America's greatest contributions to the music world. From Elvis and the Delta Blues to The Beach Boys and the British Invasion, there is music for all to enjoy! Topics covered in the class include: What was the first "Rock and Roll" song? How did Rock survive "The Day the Music Died" in the 1950s? Are the Beatles really all that? If you have ever heard a guitar solo that made you want to get up and dance, you are highly encouraged to join us in learning about the birth of Rock and Roll!

No prior musical knowledge or experience is necessary. This course can be taken as a single semester class in the Fall or paired with History of Rock and Roll 2 in the Spring.

History of Rock and Roll 2 - 1970 to Today

206B

Prerequisite: None

Students will explore a wide variety of musicians, bands, and genres from the 1970s to the music of today. Bands discussed in this time period of Rock History include Led Zeppelin, Nirvana, Pink Floyd, as well as Beyonce, The Backstreet Boys, and Kanye West. Topics covered in this class include: The birth of Heavy Metal. Who REALLY was the best drummer in Rock music? Should Rap be considered Rock? Can Rock survive in the modern digital world? If you have ever heard a guitar solo that made you want to get up and dance, you are highly encouraged to join us in learning about the birth of Rock and Roll!

No prior musical knowledge or experience is necessary. This course can be taken as a single semester class in the Spring or paired with History of Rock and Roll 1 in the Fall.

SCIENCE**PHYSICAL SCIENCE**

501

2 sequential semesters

1 credit

Prerequisite: Biology

Physical Science is a study of the chemical and physical properties of matter. This course is designed to provide students with the basic knowledge of physical science as it relates to the world around them. The chemistry semester will focus on the composition,

properties and behavior of matter. During the physics section, students will investigate motion, forces, and energy. Instruction will include online and classroom activities, projects and laboratory exercises.

BIOLOGY

2 sequential semesters

1 credit

502

Prerequisite: None

This course investigates the composition, diversity, complexity and interconnectedness of life on Earth. Topics of study will include heredity, evolution, cellular biology, genetics, biochemistry, and ecology to provide a framework to explore the living world, the physical environment and the interactions within and between them. . Instruction will include online and classroom activities, projects, and laboratory exercises including dissections of preserved materials, to understand and explain the complexity of organisms. This class will also prepare students for the Ohio End of Course Exam in Biology.

ADVANCED BIOLOGY

2 sequential semesters

1 credit

512

Prerequisite: Concurrent enrollment in Geometry

Although this course includes the same content standards as Biology, instruction will move at a quicker pace. Research projects and inquiry labs will also be included. Topics of study will include heredity, evolution, cellular biology, genetics, biochemistry, and ecology to provide a framework to explore the living world, the physical environment and the interactions within and between them. . Instruction will include online and classroom activities, projects and laboratory exercises including dissections of preserved materials, to understand and explain the complexity of organisms. This class will also prepare students for the Ohio End of Course Exam in Biology.

ANATOMY/PHYSIOLOGY

2 sequential semesters

1 credit

515

Prerequisite: a grade of B in Advanced Biology

Anatomy and Physiology focuses on selected topics designed to create an understanding of the human body as a structural and functional biological organism. The course includes an in depth study including biochemistry, and the following human systems; skeletal, muscle, nervous, immune and circulatory.

This course can prepare students to succeed in post high school studies in the biology or health related fields. Dissections are an integral part of classroom instruction.

CHEMISTRY I

2 sequential semesters

1 credit

514

Prerequisite: Advanced Biology with at least a C average or completion of Physical Science and Algebra I with a C average in both.

Chemistry is a course that focuses on the composition, properties, and behavior of matter. Students will study information related to the periodic table of elements, and learn how to construct chemical formulas for ionic and molecular compounds, as well as construct and balance chemical equations, and learn about different types of chemical reactions. The class will include a blend of digital and classroom instruction and a significant laboratory component.

AP CHEMISTRY

2 sequential semesters

1 credit

517

Prerequisite: successful completion of Biology and Chemistry 1, a minimum of 3.0 GPA. Placement may be determined by instructor through academic review (Final placement decisions may be at the discretion of administration or designees.)

A second year, college level chemistry course, the intensive nature of content and laboratory experience is an integral part of this course. Students will dedicate significant amounts of time to the application of math skills to key chemical concepts. To receive a weighted grade, a student must sit for and complete the end of course examination as well as completing all internal assessments.

Students who take the Advanced Placement exam in year-long classes will be exempt from the final exam for the course. The second semester grade will be calculated on the basis of the third and fourth quarter averages.

PHYSICS 2 sequential semesters 1 credit
516

Prerequisite: Previously enrolled or concurrently in Pre-Calculus and grade of C or above in Chemistry I or teacher approval.
Meets advanced science course requirement.

Physics is a laboratory based college preparatory course designed to prepare students who are interested in careers such as engineering, medicine, chemistry, etc. The course of study includes mechanics, heat, waves, sound, light, electricity, and nuclear energy. All units of study are mathematically based, requiring Algebra II and Pre-Calculus skills.

ENVIRONMENTAL SCIENCE 2 sequential semesters 1 credit
503

Prerequisite: completion of one life and one physical science course; junior or senior status
(Final placement decisions may be at the discretion of administration or designees.)

A junior/senior general science course focusing on global environmental issues. This course also emphasizes organic interaction in diversified ecosystems. Students examine major environmental issues and explore pathways to sustainability. This elective course shall not replace any of the required science courses.

FORENSIC SCIENCE 2 sequential semesters 1 credit
506

Prerequisite: restricted to juniors and seniors

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, virtual and hands-on labs, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions.

ENVIRONMENTAL GEOLOGY (CCP) 2 sequential semesters 1 credit
520

Prerequisite: Junior or senior that meets the admission requirements for the College Credit Plus program.

Environmental Geology is the examination of geologic processes that have impact upon humans and relationship of the impact humans have upon those processes. Topics such as coastal erosion, flooding, earthquakes, radon, greenhouse effect, water quality, and waste disposal will be investigated. Clark State Community College will award students successfully completing this course four semester hours for GLG 1133, Environmental Geology.

SOCIAL STUDIES

WORLD HISTORY 2 sequential semesters 1 credit
601

Prerequisite: None

This course explores the history of man from a world-wide perspective throughout the years 1700-present. It also integrates economic, political, cultural, social and geographic studies over the same time period.

AMERICAN HISTORY 2 sequential semesters 1 credit
602

Prerequisite: World History and at least sophomore status.

This course explores the history of the United States throughout the years 1886 – present. It also integrates economic, political, cultural, social and geographic studies over the same time period.

ADVANCED AMERICAN HISTORY 2 sequential semesters 1 credit
612

Prerequisite: Advanced World History with at least a “B” average OR teacher approval.

This course explores the history of the United States throughout the years 1886 – present. It also integrates economic, political, cultural, social and geographic studies over the same time period. This class is writing intensive, with emphasis on critical thinking skills and thesis support.

AMERICAN GOVERNMENT 2 sequential semesters 1 credit
603

Prerequisite: American History or Advanced American History

American Government focuses on how the United States operates on a daily basis allowing students to explore various parts of the government. Students will cover key topics such as: American Origins, The Constitution, Legislative Branch, Executive Branch, Judicial Branch, Ohio Government, Civic Involvement, and Fiscal Policy. This course is intended to help students understand how the American government functions, giving them critical thinking skills to engage with politics and become informed citizens.

ADVANCED PLACEMENT AMERICAN GOVERNMENT 2 sequential semesters 1 credit
613

Prerequisite: Advanced American History or Teacher Recommendation

This college-level course will give students an analytical perspective on government and politics in the United States. Throughout this course we will be studying political theory as well as the everyday practices of government. AP Government will build upon the topics outlined in American Government, encouraging critical thinking and application of materials.

The objective of this course is to prepare students for taking the AP U.S. Government test in May. Passage of this test will allow students to earn college credit. Each student will be expected to take the test in May and this course should help students to be successful. Cost of the exam was \$94 in 2017.

SOCIAL STUDIES ELECTIVES – do not count toward graduation requirement but do count toward Diploma with Honors requirement for 4th credit of Social Studies.

CURRENT EVENTS 1 semester 1/2 Credit
620A/620B

Prerequisite: Juniors/Seniors with completion of World History and American History.

This class is designed to provide students with the opportunity to discuss, understand, and explore local, national, international, political, economic and social issues in a respectful, meaningful, and active way. Throughout the term, students will stay up to date on current issues and trends. Because the subject of this class is “contemporary,” topics will vary considerably depending on the current news cycle. Students will also work on compiling a monthly newsletter to be shared with the school and community.

This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.

INTRODUCTION TO GEOGRAPHY 1 semester 1/2 credit
618A/B (1ST Semester/2nd Semester)

Prerequisite: Completion of World History.

Students will focus on the two key components of Geography: Physical Geography and Human Geography. First, they will understand the features of the Earth, including various landforms, weather and climate. Then students will delve into the culture of the earth, exploring topics like language, religion, and population.

This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.

INTRO TO PSYCHOLOGY 1 semester 1/2 credit
615 (1ST Semester/2nd Semester)
Prerequisite: World History and American History with at least a "C-" or above in both.

This course will offer students an overview of the field of Psychology. Students will meld social studies with science to explore how the brain works and how people think. Key topics include: Brain Structures, Development, Behaviorism, Personality, Mental Health and more.

This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.

ADVANCED PLACEMENT PSYCHOLOGY 2 sequential semesters 1 credit
616
Prerequisite: World History and American History with at least a "C-" or above in both. (or Teacher Recommendation)

This college-level course will give students an in depth look at the world of Psychology. Being a full year, students will be able to explore more topics and integrate a deeper level of critical thinking to how the mind works.

The objective of this course is to prepare students for taking the AP Psychology test in May. Passage of this test will allow students to earn college credit. Each student will be expected to take the test in May and this course should help students to be successful. Cost of the exam was \$94 in 2017.

This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.

SOCIOLOGY 1 semester 1/2 credit
614 (1ST Semester/2nd Semester)
Prerequisite: World History and American History with at least a "C-" or above in both.

Students in this class will undertake a study of human interaction. They will take what they know about American society, and put it into context (the "why"). Students can expect to learn about how an individual becomes part of a society, and the different ways in which that individual reacts to society, and various aspects of American society. This class will benefit any student wishing to work in a "people-oriented" field.

This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.

HISTORY THROUGH FILM 1 semester 1/2 credit
625 (1ST Semester/2nd Semester)
Prerequisite: Junior/Senior students with completion of World History and American History.

This course allows students to study World and American History through a cinematographer's lens. By analyzing various aspects of pop culture and films, students will learn more about important events such as the Great Depression, the Vietnam War, Ancient Civilizations and the World Wars. Prepare to be active participants in the discussion of the films by utilizing historical contexts.

This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.

AGRICULTURE EDUCATION

AGRICULTURE, FOOD AND NATURAL RESOURCES 2 sequential semesters 1.25 credit
953 (Agriculture Science I)

This is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology, and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.

AGRONOMIC SYSTEMS 2 sequential semester 1.25 credit
952 (Agriculture Science II)

This course focuses on the knowledge and skills required to research, develop, produce, and market major agricultural and horticultural crops. Cultural and sustainable production practices will be examined. Students will 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 learned. Students will employ communication, business, and management strategies appropriate for the industry.

ANIMAL SCIENCE and TECHNOLOGY 2 sequential semester 1.25 credit
951 (Agriculture Education III)

Learners will develop business leadership, problem-solving, and communication skills in relation to the science and technology of animals. Students will learn responsible animal management principles and routine husbandry practices in relation to animal welfare and behavior. Learners will identify and describe the anatomy and physiology of monogastric and ruminant organisms as it applies to nutrition, reproduction, and animal health. Learners will investigate animal genetics and how it impacts principles of animal improvement, selection, and marketing.

BUSINESS MANAGEMENT for AGRICULTURAL & ENVIRONMENTAL SYSTEMS 2 sequential semester 1.25 credit
950 (Agriculture Education IV)

Learners will examine elements of business, identify organizational structures, and identify and apply management skills. Learners will develop business plans, financial reports, and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion, and pricing strategies. Learners will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations.

AGRICULTURAL CO-OP CAPSTONE 2 sequential semesters 1.75 credit
Prerequisite: Enrolled in Business Management Course
955

Students earning the Co-op credits have the opportunity to schedule courses so that they may be early dismissal to work for an Agricultural Related Employer. Areas of study include functions of Agribusiness, finding employment, sales and marketing, business procedures and record keeping, personal finances and taxes and entrepreneurship development. Students must have an approved employer and have completed start up paperwork to leave school early.

CAREER BASED INTERVENTION PROGRAM

The Career Based Intervention Program is a work-based learning program designed for students to gain hands-on experience in real working situations while attending school and receiving credit. CBIP provides students an environment for more individualized instruction as well. The program is to help students improve academic competencies, graduate from high school, develop employability skills, and explore and implement a career plan in preparation for post-secondary education, learning a skilled trade, and/or career.

CAREER BASED INTERVENTION PROGRAM Grades 11 and 12

Prerequisite: 14 years of age or older, but preference may be given to students 16 years of age or older. Approval by Instructor and Counselor is required.

This course is a vocational program designed for the student who is not experiencing success in the regular school curriculum. The goals of this course are graduation from high school and preparation for the world of work after graduation or college. There are two components of this course each year and they are both required in order to take CBIP.

CBIP RELATED

2 sequential semesters

1 credit

1001 – Grades 11 and 12

Corequisite: CPIP Work (1012) and teacher approval.

Includes safety on the job, financial curriculum, skills review, how to get and keep a job, body language instruction, career oriented activities, and discussions of adult situations involving money, social issues, and community issues. Students will also learn about entrepreneurship. Students will learn about starting a business, buying a business, and franchises.

CBIP WORK

1002 – GRADES 11 AND 12

2 sequential semesters

1 credit

Corequisite: CBIP Related (1011) and teacher approval.

Includes work experience outside of the school system. This can be an accredited volunteer program. Concerns of this course are development of desirable work habits and attitude, good management of work and leisure time, and preparation for future jobs. Required number of work hours is 120 hours per year or 30 hours per quarter (9 weeks). **Students must interview for the class with the instructor and an application process is required before being chosen for the CBIP program.**

WORK PERMITS

A work permit is required for all students ages 14 through 17, who are employed on a part-time job except those categorized as irregular employment (i.e. baby-sitting, mowing lawns, etc.).

A full-time work permit is required for any youth, ages 16 and 17, who is not attending regular school but is regularly employed. A physical examination by a doctor and the superintendent's approval are required for all full-time work permits.

A new permit is required each time a student changes part-time jobs. A work permit is issued for a specific job and not a blanket permit to work part-time on a different job.

A new full-time work permit must be obtained for each full-time job a youth gets until said youth is 18 years old.

Work permits may be obtained through the Clark County Educational Service Center, 25 W. Pleasant Street, Springfield, OH 45506; 325-7671. An "Application for Minor Work Permit" and a "Physician's Certificate For Minor Work Permit" must be completed by the student, parent and the employer. To complete a work permit application, visit <https://www.clarkesc.org/professional-services/work-permits>.

NORTHEASTERN LOCAL SCHOOL DISTRICT STUDENT ATHLETE ELIGIBILITY

The Athletic Council and School Administration and Board of Education of the Northeastern Local School District strongly believe that certain standards of behavior, scholarship and citizenship are important to a sound athletic program and that expectation, sometimes beyond those required of non-athletes, may be imposed upon those who present themselves as athletes.

We believe that the athlete has a strong influence in the community, the school and among fellow students. We feel that good habits of health, deportment and scholarship are important to the school and its athletic program; we can find little reason for such a program unless such standards exist.

For this reason the following regulations will be in effect during the time in which the athlete is in active participation in any interscholastic sport. It has been established in the courts that participation in extracurricular activities is referred to as a privilege.

ACADEMIC STANDARDS

1. Grades 9-12

A student in the preceding grading period, must have at least a 1.67 nine-week grade point average and have received passing grades in a minimum of five one credit courses, or the equivalent to participate in athletics. Averages shall be rounded to the nearest tenth. A student not meeting the scholarship standards will not be eligible to participate in athletic activities until the required standards are attained. **NOTE: Entering 9th grade students must have a passing grade in five courses for the 4th quarter grading period to be eligible to participate in fall sports.**

2. Probationary Status

A student that does not meet the 1.67 nine-week grade point average may petition to be placed on probation for the current quarter and, if approved, will be eligible to participate in extra curricular activities. A student may have probationary status twice in grades 9-12. Requests for probationary status must be made with the principal, and all conditions of the probationary status must be met in order for the athlete to remain eligible.

3. Weekly Requirements

A pupil must have maintained from the beginning of the grading period up to the end of the week preceding that in which the contest occurs, passing grades in subjects which count a minimum of 5.0 credits per year toward graduation. No special exceptions or tests or other considerations are to be given for the purpose of making a pupil eligible.

High School Requirements

1. Eligibility reports from staff will be turned in by the end of each Thursday during each athletic season, beginning the third week of each grading period.
2. Eligibility status affects students from Sunday to Sunday following each of the weekly reports turned in on Thursdays.
3. A student ineligible at the end of any week will be allowed to participate in practice the following week, however, the student may not participate in any interscholastic contests.
4. A student ineligible at the end of the second consecutive week is not permitted to take part in practice.
5. A student ineligible three consecutive weeks will lose the privilege of participation for the remainder of the season.
6. Eligibility is passing five subjects that would equal five credits toward graduation if the subjects were a year long course.

NOTE: BECAUSE OF THE NATURE OF CHANGING NCAA REGULATIONS, IT IS RECOMMENDED THAT FOR UP-TO-DATE GUIDELINES AND DATA YOU OBTAIN A COPY OF THE "NCAA GUIDE FOR THE COLLEGE-BOUND STUDENT-ATHLETE" FROM THE GUIDANCE OFFICE OR VISIT THE CLEARINGHOUSE WEB SITE at www.ncaaclearinghouse.net