

# NORTHEASTERN HIGH SCHOOL

## HOME OF THE “JETS”

2026-2027 School Year  
STUDENT PLANNING  
AND COURSE SELECTION GUIDE



## TABLE OF CONTENTS

Letter from the Principal	5
Curriculum Requirements	6
Student Classification	6
Competency	6
Ohio's State Tests	7
Ohio's Graduation Requirements (Pdf)	8
Demonstrating Readiness/Graduation Seals	10
Ohio Honors Diploma	12
Instructional Materials Center	13
Career Information, College Night, ACT/SAT, NCAA	14
Preparing for College	15
Recommended College Admission Standards	16
Higher Education Pathway	16
Workforce Pathway	17
Career Tech/Vocational Pathway	18
Springfield-Clark Career Technology Center	19
College Credit Plus	22
Credit Flexibility	22
Schedule Changes	22
School Counseling Office	23
District Wide Grading Scale	23
How Grades are Calculated	23

### Academic Departments and Course Descriptions

Art	24
Business	26
Technology	26
English	28
Family and Consumer Science	31
World Language	33
Health & Physical Education	34
PE Waiver	36
Mathematics	36
Music	39
Science	39
Social Studies	42
Agriculture Education	45
Career Based Intervention Program-C.B.I.	46
Work Permits	46
Northeastern Local School District Student Athlete Eligibility	47
NCAA Timeline and Requirements	48

***NORTHEASTERN SCHOOL COUNSELING DEPARTMENT***

**Northeastern High School**

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Mr. Shawn Adkins, School Counselor, Ext. 3110

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,



Zack Dobbelaere  
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 2023 and beyond Credits, Competency, Career & College Readiness

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 the ways to meet testing requirements.

## CREDITS ([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 (must include both English 9 and English 10 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 <b>and</b> PE II = 1/2 credit)
Health	1/2 credit
Financial Literacy	1/2 credit
Fine Arts	1 credit (Art, Band and Choir courses meet this requirement)
Electives	4 1/2 credits

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

## **STUDENT CLASSIFICATION**

Your grade level is determined by the number of years you have attended high school.

### **What if I fail a course (final average is 60 or below)?**

- No credit is earned toward the 21 credits required to graduate.
- If the failed course is a course required for graduation, it will have to be repeated until a passing grade & credit is earned.
- Summer courses can be taken through Northeastern Local School District or Clark County ESC. Information about Summer School will be released in May.
- Because four (4) credits of Math and English are required to graduate, it is critical that Math and English courses are passed and credit earned each year. If a student fails to earn credit in either Math or English during the regular academic year, the student is encouraged to “recover” that credit through summer school or an online course at a potential cost to the student/family.

In order to go on to the next Math course and stay on track for graduation the student is encouraged to “recover” the math credit during summer school.

## **COMPETENCY**

DEMONSTRATE [COMPETENCY](#), by earning 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.

## OHIO'S STATE TESTS - CLASSES OF 2023 AND BEYOND

- Ohio's state designed assessments will be used at the high school level beginning with the Class of 2018.
- Performance on tests earn points to meet graduation requirements. All state designed assessments will be taken online.
- A nationally standardized readiness assessment (ACT) will be administered in spring of the 11<sup>th</sup> grade, and will be used as a readiness assessment to determine college and career readiness.

GRADE	ENG & LANGUAGE ARTS	MATH	SCIENCE	SOCIAL STUDIES
9 <sup>th</sup>		Algebra I End of course exam		
10 <sup>th</sup>	ENG 2 End of course exam	Algebra B, Algebra I End of course exam	Biology End of course exam	American History End of course exam
11 <sup>th</sup>		Geometry End of course exam		American Government End of course exam
12 <sup>th</sup>		Geometry End of course exam		

### RETAKING STATE TESTS

Students who score below competency (684) on the Algebra 1 and/or ELA 2 end-of-course exams will retest until competency is met in each area.

### Highest score counts

The highest score a student gets on a test will count. For example, if a student retakes an end-of-course exam, or if he or she takes the college admissions test before or after it is offered by the state, the student's highest recorded score will count.

### ALTERNATIVE WAYS TO MEET THE STATE TESTING REQUIREMENT

**Industry credential and workforce readiness:** (This option available through Springfield Career Technical Center-CTC) Earn a minimum of 12 points by receiving a State Board of Education- approved, industry-recognized credential or group of credentials in a single career field and earn a 13 on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

**College and career readiness test:** Earn the "remediation-free" scores\* on either:

[ACT](#) English - 18 or higher; Mathematics - 22 or higher; Reading - 22 or higher  
(taken in 11<sup>th</sup> grade as part of state testing)

[SAT](#) Writing - 430 or higher Mathematics - 520 or higher Reading - 450 or higher



# OHIO'S GRADUATION REQUIREMENTS

CLASS OF 2023 AND BEYOND

Ohio's long-term graduation requirements take effect for the class of 2023. For students entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements provide more flexibility to choose a graduation pathway that builds on a student's strengths and passions – one that ensures students are ready for their next steps after high school. Students in the classes of 2018 through 2022 may also use these requirements as a pathway to graduation.

As a part of this pathway to graduation, students must show that they have completed all three parts of these requirements.

## 1. Credit Requirements:

Students must earn a **minimum total of 20 credits** in specified subjects and take your required tests. Schools can locally require more than 20 credits. Schools are still required to administer all the high school end-of-course assessments. These are: English Language Arts II, Algebra I (or Integrated Math I), Geometry (or Integrated Math II), Biology, American History, and American Government.

## 2. Competency:

Students can demonstrate competency by earning a passing score on Ohio's high school Algebra I (or Integrated Math I) and English language arts II tests. Students who do not pass the test will be offered additional support and must retake the test at least once. If students have not met the competency score on these tests, there are four additional ways to show competency.

Option 1	Option 2	Option 3	Option 4	Option 5
Algebra I and ELA II	Career Readiness	College Credit Plus	Military Enlistment	ACT or SAT

**Option 1.** To demonstrate competency using Ohio’s state tests, students must earn a score of 684 or above on both the Algebra I (or Integrated Math I) and English language arts II end-of-course exams.

**Option 2.** To demonstrate competency by Career Readiness, students must demonstrate two career-focused activities, at least one must be a foundational option.

- Foundational options: 1. Cumulative score of proficient on 3 or more WebXams. 2. Earn 12-points of industry credential. 3. Complete a registered pre-apprenticeship, an apprenticeship, or show evidence of acceptance into an approved apprenticeship. 4. State-issued license for a practice in a vocation.
- Supporting options: 1. Work-Based Learning. 2. Earn the workforce readiness score on the Workkeys. 3. Earn the OhioMeansJobs Readiness Seal

**Option 3.** To demonstrate competency through the College Credit Plus Program, students must earn credit in a non-remedial math or English course for the subject area not passed.

**Option 4.** To demonstrate competency through Military Enlistment, students must provide evidence of enlistment in a branch of the armed forces to demonstrate competency.

**Option 5.** To demonstrate competency using the ACT or SAT, students must obtain a remediation-free score in the math and/or English subject area on the ACT or SAT. To demonstrate competency in English, a student must be remediation-free in the subjects of English and reading on the ACT or SAT.

### 3. Readiness:

Students can meet the readiness requirement by earning two diploma seals. In alignment with their graduation plan, students should be choosing seals that align with their goals and interests. These seals give students the chance to demonstrate academic, technical and professional skills and knowledge that align to their passions, interests and their post-high school pathway.

Of the two seals students are required to earn, at least one of the two must be State-Defined. Ohio’s 12 diploma seals are:

- OhioMeansJobs Readiness Seal (State-Defined)
- Industry-Recognized Credential Seal (State-Defined)
- College-Ready Seal (State-Defined)
- Military Seal (State-Defined)
- Citizenship Seal (State-Defined)
- Science Seal (State-Defined)
- Honors Diploma Seal (State-Defined)
- Seal of Biliteracy (State-Defined)
- Technology Seal (State-Defined)
- Community Service Seal (Locally-Defined)
- Fine and Performing Arts Seal (Locally-Defined)
- Student Engagement Seal (Locally-Defined)



### Want to learn more?

Contact your school counselor or visit [education.ohio.gov/graduation](https://education.ohio.gov/graduation)

## Demonstrating Readiness | Graduation Seals

In addition to fulfilling curriculum requirements and meeting the competency requirements, students also must show they are prepared for their next steps after high school. State law created 12 diploma seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success in their chosen post-high school paths. Students will demonstrate readiness by earning at least two diploma seals, one of which must be state-defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school. Schools should consider encouraging students to pursue seals that meet their individual interests and skills. Graduation planning will be an important step in supporting students in earning their seals.



**DEMONSTRATION OF COLLEGE & CAREER READINESS** A student will demonstrate readiness for the post-high school path by earning two diploma seals, one of which must be state-defined. **SEAL #1 =** **SEAL #2 =**

State-Defined Diploma Seals: (choose at least 1)				Locally Defined Seals:	
Seal	Options	Seal	Options	Seal	Options
<b>Science Seal:</b> Bio=	Earn a 3 (700) on Biology EOC Exam, or at least a "B" in 3 <sup>rd</sup> Sci.	<b>Technology Seal</b>	Completing approved CCP course with a B	<b>Community Service Seal</b>	Complete 60 hours of community service project(s) approved by NELSD guidelines for service
<b>Citizenship Seal</b> Hist= Gov=	Earn a 3 (700) on American History and Government EOC Exams or at least a grade of "B"	<b>State Seal of Biliteracy</b>	Show proficiency in English and proficiency in a 2 <sup>nd</sup> language		
<b>Military Enlistment Seal</b>	Provide evidence of enlistment in the military	<b>Honors Diploma Seal</b>	Earn any of Ohio's Honors Diplomas	<b>Fine Arts Performing Seal</b>	Earn two credits in Fine Arts (Band, Art, Choir, Yearbook) or demonstrate skill in this area.
<b>Industry-Recognized Credential Seal</b>	CTC - Earn 12 points of Industry recognized credentials from a single career field-available @CTC	<b>College-Ready Seal</b>	Earn a remediation free score on the ACT or SAT	<b>Student Engagement Seal</b>	Participate in extracurricular activities to a meaningful extent for two years of a NELSD approved sport, Marching Band. Clubs are an option-see guidance for details
<b>OhioMeansJobs -Readiness Seal</b>	Show aptitude in 15 professional skills, as endorsed by 3 mentors-(see guidance)	<b>DEMONSTRATION OF COMPETENCY</b> A student will demonstrate competency earning a passing score of 684 or 3+ points on Ohio's high school Algebra I and ELA II tests. Algebra I (score) = _____ ELA II (score) = _____			

## 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

# Ohio Honors Diplomas

**\*\*New Honors Diploma Requirements beginning with the Class of 2026 (Bold available at NE/CTC)\*\***

Students must meet all general graduation requirements. In addition, students must meet all but one of the following criteria.

	Academic Honors	Arts Honors	Career Tech Honors-CTC	Civic Engagement Honors	STEM Honors
1. Math	Fourth math must be above Alg 2	Fourth math must be above Alg 2	Fourth math must be above Alg 2	Fourth math must be above Alg 2	Fourth math must be above Alg 2
2. Additional Requirements	One additional unit Advanced Science <sub>1</sub>	Four units Fine Arts	Four units Career-Tech Courses	Two additional units Social Studies	One additional unit Advanced Science <sub>1</sub>
3. Additional Requirements	One additional unit Social Studies	Two additional units of Fine Arts	Earn a cumulative score of proficient on WebExams	Earn the Citizenship Seal	Two units of STEM electives
4. World Languages	3 units of the same language, or 2 units each of 2 different languages	3 units of the same language, or 2 units each of 2 different languages	2 units of one world language	3 units of the same language, or 2 units each of 2 different languages	3 units of the same language, or 2 units each of 2 different languages
5. GPA	3.5 on the unweighted 4.0 scale	3.5 on the unweighted 4.0 scale	3.5 on the unweighted 4.0 scale	3.5 on the unweighted 4.0 scale	3.5 on the unweighted 4.0 scale
6. ACT/SAT	ACT 27 or SAT 1280	ACT 27 or SAT 1280	ACT 27 or SAT 1280	ACT 27 or SAT 1280	ACT 27 or SAT 1280
7. Diploma Seals	Earn 2 additional seals, not including Honors Seal	Earn Fine Arts Seal	Earn Industry Credential or Technology Seal	Earn Community Service Seal	Earn Industry Credential or Fine Arts Seal
8. Experiential Learning 3	Field Experience, OhioMeansJobs Seal, Portfolio, or Work-Based Learning	Field Experience, OhioMeansJobs Seal, Portfolio, or Work-Based Learning	Field Experience, OhioMeansJobs Seal, Portfolio, or Work-Based Learning	Field Experience, OhioMeansJobs Seal, Portfolio, or Work-Based Learning	Field Experience, OhioMeansJobs Seal, Portfolio, or Work-Based Learning

1 Advanced Science Unit: Only these courses will count as an Advanced Science Unit for honors diplomas: Chemistry, Physics, Anatomy & Physiology, and any CCP science courses.

2 Diploma Seals: Students can use OMJ Readiness Seal for the 2 additional seals requirement if it is not used in Experiential Learning.

3 Experiential Learning

- Field Experience - To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships.

- OhioMeansJobs Readiness Seal - To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community.

- Portfolio - Work that is contained in a portfolio documents the student's extensive knowledge and technical, critical-thinking and creative skills (representative of the student's honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.

- Work-Based Learning - Work-based learning experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience.

Student Strength Demonstration Replacement

**Students can use the Student Strength Demonstration to replace the ACT/SAT, GPA, or World Language requirement for any Honors Diploma.**

- College Credit Plus: 12 total credits

- Advanced Placement: Three courses with a score of 3 or higher on AP tests

- Career-Technical Assurance Guide: Eligible to earn 12 total articulated credits

- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18

- WorkKeys: Score of 6 or higher on all tests (void for Career-Tech Honors Diploma)

- Armed Services Vocational Battery: Score of 50

- Work-Based Learning: 250 hours

Name: Date: Required Subjects	Middle School	9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade	Credit Tracker		
						Required	Earned	Needed
<b>English</b>						4		
<b>Math</b> (Required- Alg I, Geometry, Alg II/Mth Survey)						4		
<b>Soc Stud</b> (Required- Wld, US Hst, Gov)						3		
<b>Car Fin Lit</b>						0.5		
<b>Science</b> (Required-Bio, Phys.Sci or Chem, Adv Sci)						3		
<b>Health /CPR</b>						0.5		
<b>P.E. (or 2 Waivers)</b>						0.5		
<b>Fine Art</b> (Band Music Art)						1		
<b>Other Credits</b>						4.5		
<b>Credit Totals</b>						21		

### **INSTRUCTIONAL MATERIALS CENTER (IMC)**

The Instructional Material Center (IMC) is the school library at the PreK-12 Northeastern Campus. It is a place for reading, study, reference work and building information technology and literacy skills. The IMC Staff is eager to assist students in finding “a good book to read”, storytime, technology skills, assist with project-based learning, locate resources to complete assignments including online databases as well as traditional print information. As the collections combined in the new facility there will be over 15,000+ books housed in the IMC for students and staff. Books and materials 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 age ranges from preschool to college bound resources. 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 district username and password, which is available in the IMC. The IMC Staff is happy to help with any guidance for accessing and using these valuable resources.

Students who participate in the College Credit Plus program may contact the Library Media Specialist regarding textbook and academic resources needed for registered coursework.

Learning to access these valuable tools in education builds life long skills for career development and community engagement.

## **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](http://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](http://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](http://www.actstudent.org) SAT: [www.collegeboard.com](http://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 unless they have completed the Opt Out form.

## **NAIA ELIGIBILITY CENTER**

Do you want to play at an NAIA college or university? The NAIA requires all student-athletes who have never played a championship sport in the NAIA to have their eligibility determined before they can play. For more information and to register visit the NAIA Eligibility Center at <https://www.playnaia.org/eligibility-center>.

## **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](http://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 year. In Ohio, ALL juniors take the ACT as part of state testing in the spring at no cost to the student unless they have completed the opt-out form. The scores 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](http://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 including English 9 and English 10
  - 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

## HIGHER EDUCATION 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. English 9
2. Algebra I/Advanced Geometry
3. World History
4. Physical Science
5. Spanish I
6. Health/Physical Education\*
7. Study Hall /Elective

### 10th grade Recommended

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

### 11th Grade Recommended

1. CCP/English 11
2. Adv. Algebra II or or CCP/Pre-Calc
3. Chemistry or Physics
4. AP Govt
5. Physical Education/Elective

### 12th Grade Recommended

1. CCP/English 12
2. CCP/Pre-Calculus or CCP/Calculus
3. Chemistry II, Anatomy, Physics
4. Sociology/Psychology
5. Elective

- 6. Spanish III
- 7. Study Hall

- 6. Elective
- 7. Study Hall

## **WORKFORCE 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. Physical Science
- 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. Biology
- 4. American History
- 5. Elective
- 6. Physical Education/Elective
- 7. Study Hall

### 11th Grade Recommended

- 1. English 11
- 2. Environmental
- 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

## CAREER TECHNOLOGY CENTER (CTC) 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. Physical Science
6. Elective
7. Study Hall

### 10th Grade recommended

1. English 10
2. Algebra I or Geometry
3. American History
4. Physical Education
5. Biology 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
4. 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
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 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 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 students who qualify 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 **NHS** – National Honor Society

**FCCLA** – Family, Community & Career Leaders of America **H2O Club** – similar to Student Council **SkillsUSA** – The largest Career Technical Student Organization in the USA

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 completion 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**

Forestry and Park Management  
Veterinary Science

### **Arts & Communication**

Computer Graphic Arts

### **Career Exploration Programs**

Jaguar Academy (Sophomores only)  
Job Training  
Project SEARCH (After Senior yr)

### **Construction Technologies**

Carpentry  
Electrical Trades  
Heating & Air Technology

### **Education and Training**

Education Exploration

### **Engineering and Science Technologies**

Engineering and Architectural Design

### **Health Science**

Dental Assisting  
Health Occupations

- Emergency Medical Technician
- Medical Assisting
- Nurse Assisting

### **Hospitality and Tourism**

Culinary Arts

### **Human Services**

Cosmetology

### **Information Technology**

Cybersecurity  
Digital Media Design  
Software Programming Technologies

### **Manufacturing Technologies**

Applied Engineering & Manufacturing  
Welding & Fabrication

### **Public Safety**

Criminal Justice

### **Transportation Systems**

Auto Body Collision Repair  
Auto Services  
Auto Technology & Motorcycle Maintenance

## **Withdrawal-Transfer Policy**

If students who have been accepted at the CTC change their mind prior to June 1<sup>st</sup> 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 1<sup>st</sup> 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

1. English 9
2. Applied Alg/Algebra I/Geometry/ Adv Geom
3. Biology
4. World History
5. Health/PE
6. Study Hall
7. Fine Arts/Elective

#### 10th GRADE

1. English 10
2. Geometry/Adv Geom/Algebra II/Adv Algebra II
3. Physics
4. American History
5. PE/Elective
6. Fine Arts/Elective
7. Elective/Study Hall

#### 11th GRADE

1. English 11/CCP Eng
2. Algebra II/Adv Algebra II/Pre-Calculus/CCP Pre-Calc
3. Environmental Science/Chemistry 1/ Physics
4. American Government
5. Elective
6. Elective
7. Elective/Study Hall

#### 12th GRADE

1. English 12/CCP Eng
2. Algebra II/Adv Algebra II/Pre-Calculus/CCPre-Calc/CCP Calculus
3. Anatomy/Chem II/Physics (not required for diploma)
4. Social Studies Electives
5. Elective
6. Elective
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 student 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. A second deadline of NOVEMBER 1 has been added for students to take CCP courses for the spring semester ONLY if the April 1 deadline was not met. 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 INCLUDING FOR 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
80 - 89	B	3.0
70 - 79	C	2.0
60 - 69	D	1.0
0 - 59	F	0.0

Northeastern uses a 4.0, weighted grading scale. Grade Point Average (GPA) and Class Rank are calculated each semester using the Semester Average for each course. The Semester Average is calculated with each quarter grade worth 40% of the Semester average and the Semester Exam is worth 20% of the semester average. The final average for year long courses is the average of each semester's average grade. The final average for a course must be 60 or above to be considered passing and earning credit.

### HOW IS THE SEMESTER AVERAGE CALCULATED?

1<sup>st</sup> Quarter Average = 40%

2<sup>nd</sup> Quarter Average = 40%

Semester Exam = 20%

3<sup>rd</sup> Quarter Average = 40%

4<sup>th</sup> Quarter Average = 40%

Semester Exam = 20%

Example: 1<sup>st</sup> Quarter Average = 80; 2<sup>nd</sup> Quarter Average = 84; Exam = 76

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

$320 + 336 + 152 = 808$

808 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?

1<sup>ST</sup> Semester Average + 2<sup>nd</sup> Semester Average divided by 2 = Final Average

Final Average must equal 60 or higher to earn credit towards graduation.

Example: 1<sup>st</sup> Semester Average = 63; 2<sup>nd</sup> Semester Average = 74

$63 + 74 = 137$

137 divided by 2 = 68.5 = credit earned

**NOTE: Northeastern GPA and Rank are 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 Ohio's state testing requirements for graduation for the Class of 2018 and beyond.*

### ART

#### INTRO TO STUDIO ART

2 sequential semesters

1 credit

101

Prerequisite: None

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.

#### DIGITAL PHOTOGRAPHY I

1 semester

1/2 credit

122

Prerequisite: None

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.

#### DIGITAL PHOTOGRAPHY II

1 semester

1/2 credit

123

Prerequisite: Digital Photography I

This is a continuation of Digital Photography I. 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. This course is a continuation of Digital Photography I.

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

#### DRAWING

1 semester

1/2 credit

105A

Prerequisite: Grade 10 or higher

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**

1 semester

1/2 credit

115B

Prerequisite: Grade 10 or higher

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.

**SCULPTURE**

1 semester

1/2 credit

109

Prerequisite: Grade 10 or higher

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**

1 semester

1/2 credit

107

Prerequisite: Grade 10 or higher

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**

1 semester

1/2 credit

106

Prerequisite: Grade 10 or higher

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**

1 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.

## **YEARBOOK**

1 semester 1/2 credit 905  
Prerequisite: Grades 11 & 12

Students who take Yearbook receive hands-on business and journalism experience. They collaboratively create the yearbook theme, design pages, photograph events, write captions and storylines, sell advertisements, and market the book. Students learn the importance of proofreading and deadlines while being creative. Because Yearbook is a co-curricular class, students are expected to attend extracurricular activities necessary for the production of the yearbook and sell business advertisements on their own time.

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

## **INDEPENDENT STUDY IN ART**

1 semester 1/2 credit 118  
Prerequisite: 2 years of Art and teacher approval

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**

1 semester 1 HS Credit/3 College Credits 5907  
Prerequisite: Any student who qualifies for and is in the CCP program

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**

1 semester 1/2 credit 907  
Prerequisite: None

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, and consumer choices.

## **TECHNOLOGY**

### **COMPUTER PROGRAMMING I**

1 semester 1/2 credit 908

Students in this course will dive into object-oriented programming. Languages introduced will be Python. Students will learn the basics of Object-Oriented Programming in the world's most popular language: data types, variables, decision structures, functions/methods, data organization, and file manipulation.

## COMPUTER PROGRAMMING II

1 semester 1/2 credit 918  
Prerequisite: Computer Programming I

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

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 Spike robots and the Lego Python programming suite. 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, C, Python 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

1 semester

1 HS Credit/ 3 College Credits

5910

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

2 sequential semesters

1 credit

301

Prerequisite: None

English 9 is designed to give students a fundamental knowledge of the English language and its rules in grammar and syntax, basic skills in the literal and interpretive understanding of literature, and practice in clear written communication.

Students will learn to use proper grammar to write effective sentences and construct unified coherent paragraphs, as well as how to write essay responses using MLA format. Students will discuss and/or write about literature in terms of theme, setting, character, conflict, plot, figurative language and other literary devices when applicable. Students will work with fiction and nonfiction texts in a variety of formats. The course also includes regular vocabulary study, independent or teacher-led group reading, and personal and creative writing, including some sharing with other student writers. Small presentations may be included in sharing with other students.

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

2 sequential semesters

1 credit

302

Prerequisite: English 9 or equivalent

English 10 builds on those fundamentals students acquired in English 9. Textual study will include both more work in literal and interpretive understanding and more emphasis on written responses to the readings, personal as well as analytical. Students will discuss and/or write about how literary terms are applied in literature and how informational text is analyzed. Composition will continue with creative writing, review of the paragraph and test essay technique, and culminate in a multi-paragraph research paper(s). Grammar will be taught and practiced throughout the year. **English 10 is a required class for NEHS graduation requirements and can be taken simultaneously with CCP English 1111.** English II also includes vocabulary study, independent or teacher-led group reading, and opportunities for speaking in small groups or to larger groups.

This course teaches 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.

## ENGLISH 11

2 sequential semesters

1 credit

303

Prerequisite: English 10 or equivalent

As a sequel to English 9 and 10, English 11 studies American literature by historical periods, dealing primarily with general knowledge. Background information on authors is limited to those well known. Selections have been chosen for readability and understanding with concentration on comprehension and the usage of literary elements. The writing focuses on the writing process and is both creative and expository in nature. Grammar and mechanics review are incorporated. ACT/SAT prep, vocabulary and research are included

This course teaches 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.

## ENG 1111 English I

1 semester

1 credit

5313A

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

*NOTE: This is a college level course and students will be doing college level work.*

College credit awarded by Clark State for ENG 1111 English I, 3 semester credits

Welcome to College Credit Plus 11 - ENG1111. 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 several 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 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 1600 – Introduction to Literature

1 semester

1 credit

5313A/B

Prerequisite: A grade of C or above in ENG 1111-English I

*NOTE: This is a college level course and students will be doing college level work.*

College credit awarded by Clark State for ENG 1600 - Introduction to Literature, 3 semester credits

This course will acquaint students with a variety of texts and authors throughout literature. Critical readings, discussion and analysis of poetry, fiction, and drama will be addressed. In addition, this course will also include various writing elements throughout. Students will be required to write in-depth and thoughtfully over literature. 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 ENGLISH 11.**

## ENGLISH 12

2 sequential semesters

1 credit

304

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

This course teaches 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.

## ENG 1112 English II

1 semester

1 credit

5314A/B

Prerequisite: A grade of C or above in ENG 1111 -English I

*NOTE: This is a college level course and students will be doing college level work.*

College credit awarded by Clark State for ENG 1112 English II, 3 semester credits

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 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 2300 – Great Books: World Literature

1 semester

1 credit

5314B

Prerequisite: A grade of C or above in ENG1111 - English 1 and completion of concurrent enrollment in ENG 1112 - English II.

*NOTE: This is a college level course and students will be doing college level work.*

College credit awarded by Clark State for ENG 2300 - Great Books, 3 semester credits.

Welcome to 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 literary piece. 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.**

## **INTRO TO MASS COMMUNICATIONS/FIELD EXPERIENCE**

2 sequential semesters

1 credit

390/391

Prerequisite: Successful completion of English 9 and English 10 and approved application

**Course Description:** This course explores the fundamentals of mass communications through hands-on experience in media production and public relations. Students will create videos, graphic designs, and written content while collaborating with their teacher and the district's communications representative to promote school pride and community engagement. Topics include ethical communications, Associated Press style writing, and responsible use of technology. Interns will track 120 hours outside of class to earn credit and take on roles like student spotlights, video editing, and news writing.

**Goal:** Understand the importance of collaboration and communication within the scope of NELSD.

Activities Include:

- Coordinate with NELSD communications director
- Learn how to design for media
- Garner student interest in district activities
- Interact with various technology to produce quality information
- Booster school pride
- Understand terms related to academic integrity such as plagiarism, cheating, paraphrasing, quoting, citing, public domain, fair use, academic dishonesty, copyright, self-plagiarism
- Learn how to use various software
- Using AP style for documentation
- Responsible and ethical use of AI

## **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**

2 sequential semesters

1 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.

### **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 situations. 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 FINANCE**

1 semester 1/2 credit 970  
Prerequisite: Grades 10-12

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 980  
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**

2 sequential semesters 1 credit 814  
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**

2 sequential semesters 1 credit 815  
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

704

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

701

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

702

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.**

### STRENGTH & CONDITIONING

1 semester

1/4 credit

713

Prerequisite: None

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, and plyometrics. This course is structured more for the male student; however, the female student is welcome to enroll in the course. Students may only take this class one semester per academic year. Grade of B or higher required in course to repeat course for additional credit in a future year.

**WALKING & WELLNESS**

1 semester

1/2 credit

715

Prerequisite: None

Walking and Wellness is a physical education course that promotes lifelong fitness through structured walking activities and wellness education. Students improve cardiovascular endurance while learning about stress management, nutrition, sleep, goal setting, and personal fitness planning. This course is designed for all fitness levels and emphasizes building healthy habits for overall physical and mental well-being.

**TEAM SPORTS**

1 semester

1/4 credit

717

Prerequisite: None

Team Sports is a physical education course designed to develop students' skills, fitness, and understanding of organized team play. Students will participate in a variety of activities such as basketball, volleyball, soccer, flag football, softball, and other cooperative and competitive games. Emphasis is placed on skill development, game strategy, teamwork, communication, sportsmanship, and leadership.

Students will improve cardiovascular endurance, coordination, agility, and overall physical fitness while learning the value of collaboration and respectful competition. This course is appropriate for all skill levels and encourages active participation in a positive, team-focused environment.

**SURVIVAL**

1 semester

1/4 credit

723

Prerequisite: None

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 concepts 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.

**INTRO TO SPORTS OFFICIATING**

1 semester

1/4 credit

725

Prerequisite: None

This course introduces students to the fundamentals of sports officiating across a variety of team and individual sports. Students learn rules of play, mechanics, positioning, signals, game management, professionalism, and ethical responsibilities of officials. Emphasis is placed on communication skills, conflict resolution, physical fitness, and decision-making under pressure.

Through a partnership with the Ohio High School Athletic Association (OHSAA), students will complete the required coursework and take certification exams to become licensed officials in multiple sports. Classroom instruction, rule study, simulations, and on-field/off-court practice provide students with hands-on experience and a pathway toward paid officiating opportunities.

## PE WAIVER

0 credit

2 full seasons in 2 different sports seasons

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. 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 on Final Forms.

NOTE: The PE requirement can be fulfilled by completing 2 full seasons in 2 different sports seasons **OR** by successfully completing two semesters of Physical Education – PE I AND one other PE course. 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 A

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: None. Recommended background: "C" in 8<sup>th</sup> grade Math for entering freshmen.

Algebra I is a more intense and rigorous course. This course will follow the Ohio high school standards for Algebra. . 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, quadratics, 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 prepare 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 tests, such as the ACT, SAT and college placement tests.

## COLLEGE ALGEBRA I/CCP COLLEGE ALGEBRA MTH 1280

2 sequential semesters 1 credit 414/5414  
Prerequisite: Successful completion of Advanced Algebra II and Geometry, or 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 have the appropriate Accuplacer, ACT or SAT score to satisfy the entrance requirement. 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.

### **ELEMENTARY STATISTICS STT 2640**

1 semester 1 credit 5426

Prerequisite: A grade of B or above in Advanced Algebra II is recommended; grade of "C" in Adv Algebra II with teacher approval.  
*Students who wish to receive college credit must have the appropriate Accuplacer, ACT or SAT score to satisfy the entrance requirement.*

Meets fourth year math requirement. 1<sup>st</sup> 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 confidence intervals, design of experiments, correlation and regression, hypothesis testing with laboratory exploration of statistical concepts.

### **PRE-CALCULUS/CCP PRE-CALCULUS MTH 1340**

2 sequential semesters 1 credit 415/5415

Prerequisite: A grade of C or above in Advanced Algebra II and Geometry, or with teacher approval.  
*Students who wish to receive college credit must have the appropriate Accuplacer, 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 function operations, rational and radical functions, logarithmic and exponential functions, analytic trigonometry, and discrete mathematics.

### **CALCULUS/CCP CALCULUS MTH 2200**

2 sequential semesters 1 credit 430/5430

Prerequisite: A grade of B or above in Pre-Calculus.  
*Students who wish to receive college credit must have the appropriate Accuplacer, 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, area, and more.

### **MATH 3**

2 sequential semesters 1 credit 404

Prerequisite: Applied Algebra A, Applied Algebra B or with teacher recommendation

In this class, a continuation of algebraic concepts will be taught. This course will cover algebraic expressions and equations, coordinates and graphs, functions, data analysis, and trigonometric functions. Real world application will be utilized to reinforce the learning. This course will be considered the Algebra II equivalent course.

### **MATH MODELING:REAL WORLD APPLICATIONS**

2 sequential semesters 1 credit 424

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.

## MUSIC

### **SYMPHONIC CHOIR**

2 sequential semesters

1 credit

202

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 encouraged to participate in all of our several fundraisers.

### **CONCERT BAND**

2 sequential semesters

1 credit

201

Prerequisite: None

Concert Band is a performance-based course designed for high school students with prior experience on a band instrument. Students will develop their musical skills through the study and performance of a variety of concert band literature, including classical, contemporary, and popular works. Emphasis is placed on ensemble playing, tone production, music literacy, and expressive performance. All students enrolled in the concert band are a part of the Pep Band that plays at home basketball games in the winter. Students will participate in regular rehearsals, concerts, and may have opportunities for field trips.

### **GUITAR**

2 sequential semesters

1 credit

211

Prerequisite: None

Guitar I is designed for students with little to no experience in playing the guitar. Students will learn the fundamentals of guitar playing, including basic chords, strumming patterns, and music theory. Students must provide their own Acoustic guitar. Electric guitars are not acceptable for this course. Guitars may be stored in the band room during the school day.

## SCIENCE

### **PHYSICAL SCIENCE**

2 sequential semesters

1 credit

501

Prerequisite:

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 include biochemistry, cells, cellular respiration, photosynthesis, reproduction, genetics, evolution, ecology, and more. An inquiry approach will be utilized, with heavy emphasis on laboratory experiences, including dissections. This class will also prepare students for the Ohio End of Course Exam in Biology.

**ADVANCED BIOLOGY**

2 sequential semesters

1 credit

512

Prerequisite: Suggested grade of B or higher in Physical Science and concurrent enrollment in Algebra II or higher math

This course investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Topics of study include biochemistry, cells, cellular respiration, photosynthesis, reproduction, genetics, evolution, ecology, and more. An inquiry approach will be utilized, with heavy emphasis on laboratory experiences, including dissections. This class will prepare students for the Ohio End of Course Exam in Biology.

**AP BIOLOGY**

1 credit

523

2 sequential semesters

Prerequisite: Biology and Chemistry. Final placement decisions may be at the discretion of administration or designees.

AP Biology is an introductory, college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, cellular processes, energy and communication, genetic information transfer, ecology, and interactions. From the smallest units of life to how healthy ecosystems can be sustained, AP Biology explores the key principles of biology. While you learn about genetics and how it affects evolution, how energy flows through ecosystems and other fascinating topics, you'll also learn how to think critically, solve problems, and communicate scientific ideas effectively. This course is highly recommended for college-bound students who are planning on a science major.

The objective of this course is to prepare students for taking the AP Biology 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. The cost of the exam is approximately \$90.

**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.

## **CHEMISTRY 2**

2 sequential semesters 1 credit 517

Prerequisite: successful completion of Biology and Chemistry 1, a minimum of 3.0 GPA. Final placement decisions may be at the discretion of administration or designees.

A second year 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. Students will continue to learn the remainder of the topics not covered in Chemistry I.

## **PHYSICS**

2 sequential semesters 1 credit 516

Prerequisite: Previously enrolled or concurrently in Geometry and grade of C or above in Chemistry I or teacher approval. Meets the 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 skills.

## **ENVIRONMENTAL SCIENCE**

1 credit 503

2 sequential semesters

Prerequisite: Completion of one life and one physical science course. Meets the advanced science course requirement.

Environmental Science is a general-level science course focusing on global environmental issues. Topics covered include ecosystems, biomes, populations, water, soil, the atmosphere, energy, climate, pollution, and more. A hands-on, project-based approach will be utilized. Students will build their own ecosystems, test water and soil, and learn how to do the work of an environmental scientist.

## **STEM**

1/2 credit 519

1 semester

Prerequisites: None

STEM is a hands-on, laboratory-based course that explores the science, technology, engineering, and math behind the food we eat. We will explore a number of diverse topics, such as candy, cereal, carbonated beverages, milk products, and other foods that have been engineered to meet our needs. We will use the design process to make a number of products. You will sample a variety of exotic foods and drinks, and hopefully will leave the course with a renewed appreciation of food, how it is made, the containers that hold it, and how it has improved over time.

## **SCIENCE ELECTIVES – do not count toward 3 science graduation requirement**

### **ENVIRONMENTAL GEOLOGY GLG 1133**

2 sequential semesters 1 credit 5520

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.

### AMERICAN GOVERNMENT

2 sequential semesters

1 credit

603

Prerequisite: 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.

### AP AMERICAN GOVERNMENT

2 sequential semesters

1 credit

613

Prerequisite:

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. The cost of the exam is approximately \$90.

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

### CULTURAL STUDIES

1 semester

1/2 Credit

623

Prerequisite: World History and American History

This course will give students the chance to examine and understand different cultures around the world. The students will study multiple different cultures to understand societal structures that form due to cultures such as power, identity, and meaning. Additionally, the students will dive further into cultures dissecting the language, food, clothing, religion, and much more. ***This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.***

## CURRENT EVENTS

1 semester 1/2 Credit 620  
Prerequisite: 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 618  
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  
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.***

## AP 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 is approximately \$90. ***This course does not count toward the Social Studies requirement for graduation but will count towards the requirements for a Diploma with Honors.****

## AP ECONOMICS

2 sequential semesters 1 credit 630  
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 Economics. 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 Economics 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 is approximately \$90. ***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  
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  
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.***

## **FRESHMAN SEMINAR: FOUNDATIONS FOR HIGH SCHOOL SUCCESS**

1 semester 1/2 credit 990  
Required for all Grade 9

This course supports ninth-grade students in making a successful transition to high school. Students develop essential skills in organization, time management, study strategies, and goal setting to promote academic success. Topics include growth mindset, digital citizenship, communication, teamwork, and responsible decision-making. The course also introduces high school expectations, graduation requirements, and early college and career exploration. Emphasis is placed on building confidence, self-advocacy, and positive connections within the school community.

## **JETS 101**

1 semester 1/2 credit 991  
Prerequisite: Approved application

**JETS101** is an elective one-semester class for sophomores. **JETS101** is designed to build strong foundations in leadership, teamwork, and service. Students will develop practical skills in communication, collaboration, problem-solving, and community engagement through hands-on activities and group projects. The course emphasizes personal growth, responsibility, and the importance of serving others while working effectively as part of a team.

# 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 955  
Co-rerequisite: Enrolled in Business Management Course

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. CBI 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. This program is available for students ages 12 - 18. Preference will be shown to Juniors and Seniors and admittance is based on an application process that is approved by the guidance counselor and CBI coordinator.

### **CBI RELATED**

2 sequential semesters 1 credit 1001

#### **Grades 11 and 12**

Corequisite: CPIP Work (1002) 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.

### **CBI WORK**

#### **Grades 11 and 12**

2 sequential semesters 1 credit 1002

Corequisite: CBI Related 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. The required number of work hours is 180 hours per quarter and 15 hours per week. **Students must interview for the class with the instructor and an application process is required before being chosen for the CBI 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 county 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 click on the link attached to the title above.)

# Initial-Eligibility Standards

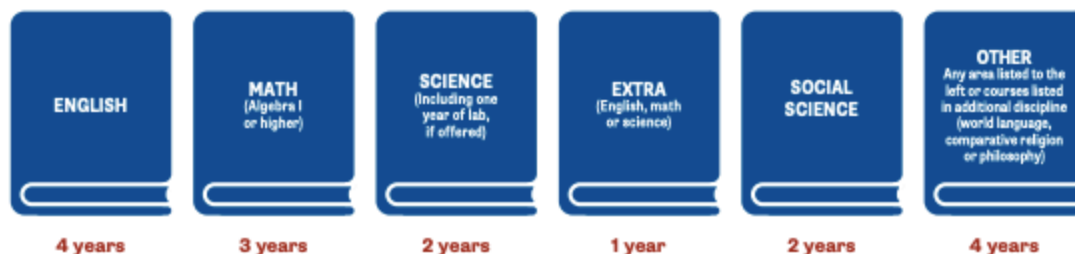
If you want to compete in NCAA sports, you need to register with the NCAA Eligibility Center at [eligibilitycenter.org](http://eligibilitycenter.org). Plan to register before your freshman year of high school. For more information on registration, visit [on.ncaa.com/RegChecklist](http://on.ncaa.com/RegChecklist).

## Academic Requirements

Division I and II schools require you to meet academic standards. To be eligible to practice, compete and receive an athletics scholarship in your first year of full-time enrollment, you must meet the following requirements:

### Division I

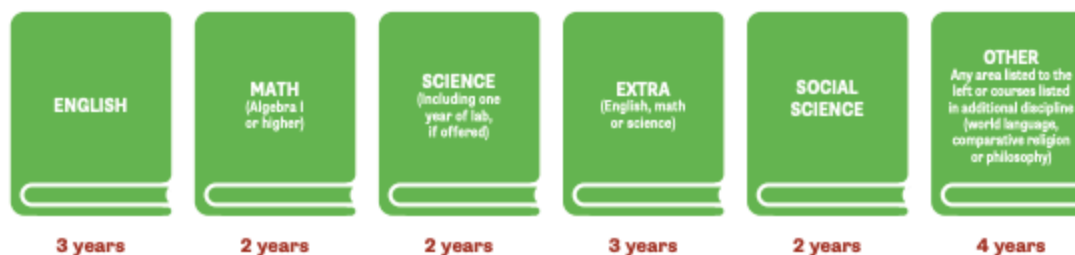
1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Complete your 16 NCAA-approved core-course credits in eight academic semesters or four consecutive academic years from the start of ninth grade. If you graduate from high school early, you still must meet core-course requirements.
3. Complete 10 of your 16 NCAA-approved core-course credits, including seven in English, math or science, before the start of your seventh semester. Once you begin your seventh semester, any course needed to meet the 10/7 requirement cannot be replaced or repeated.
4. Earn a minimum 2.3 **core-course GPA**.
5. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

### Division II

1. Earn 16 NCAA-approved core-course credits in the following areas:



2. Earn a minimum 2.2 **core-course GPA**.
3. Ask your high school counselor to upload your **final official transcript** with proof of graduation to your Eligibility Center account.

### Division III

While **Division III schools** set their own admissions and academic requirements, **international student-athletes** (first-year enrollees and transfers) who are enrolling at a Division III school after Aug. 1, 2023, must be certified as an amateur by the Eligibility Center. Contact the Division III school you plan to attend for more information about its academic requirements.

GRADE  
**9**  
REGISTER

- » If you haven't yet, **register** for a free Profile Page account at [eligibilitycenter.org](http://eligibilitycenter.org) for information on NCAA initial-eligibility requirements.
- » Use NCAA Research's [interactive map](#) to help locate NCAA schools you're interested in attending.
- » Find your high school's list of NCAA-approved core courses at [eligibilitycenter.org/counselist](http://eligibilitycenter.org/counselist) to ensure you're taking the right courses, and earn the best grades possible!

GRADE  
**10**  
PLAN

- » If you're being actively recruited by an NCAA school and have a Profile Page account, **transition** it to the required **certification account**.
- » Monitor the **task list** in your NCAA Eligibility Center account for next steps.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.
- » If you fall behind academically, ask your high school counselor for help finding **approved courses** you can take.

GRADE  
**11**  
STUDY

- » Ensure your **sports participation** information is correct in your Eligibility Center account.
- » Check with your high school counselor to make sure you're on track to complete the required number of NCAA-approved **core courses** and graduate on time with your class.
- » Share your **NCAA ID** with NCAA schools recruiting you so each school can place you on its **institutional request list**.
- » At the end of the school year, ask your high school counselor from each school you attend to upload an official transcript to your Eligibility Center account.

GRADE  
**12**  
GRADUATE

- » **Request your final amateurism certification** beginning April 1 (fall enrollees) or Oct. 1 (winter/spring enrollees) in your Eligibility Center account at [eligibilitycenter.org](http://eligibilitycenter.org).
- » Apply and be accepted to the NCAA school you plan to attend.
- » Complete your final NCAA-approved **core courses** as you prepare for graduation.
- » After you graduate, ask your high school counselor to upload your final **official transcript** with proof of graduation to your Eligibility Center account.

How to plan your high school courses to meet the 16 core-course requirement:

$$4 \times 4 = 16$$

9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>th</sup> GRADE	12 <sup>th</sup> GRADE
(1) English (1) Math (1) Science (1) Social Science and/or other	(1) English (1) Math (1) Science (1) Social Science and/or other	(1) English (1) Math (1) Science (1) Social Science and/or other	(1) English (1) Math (1) Science (1) Social Science and/or other
4 CORE COURSES	4 CORE COURSES	4 CORE COURSES	4 CORE COURSES



**CONTACT THE NCAA ELIGIBILITY CENTER**

U.S. and Canada (except Quebec):  
877-262-1482 (toll free), Monday-Friday  
9 a.m. to 5 p.m. Eastern time



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