

**Norton  
High  
School**

**Curriculum  
Guide**

*2015-2016*



.....  
*Panther Nation*

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# NORTON HIGH SCHOOL

4128 Cleveland-Massillon Rd.

Norton, OH 44203-5697

Phone: (330) 825-0863

Fax: (330) 825-0929

## Norton City Schools:

*'Rated Excellent*

Norton City School District Website: [www.nortonschools.org](http://www.nortonschools.org)

### Norton City Schools Administration:

David Dunn, Superintendent  
Stephanie Hagenbush, Treasurer  
Ken Caldwell, Business Manager  
Sharon Herchik, Director of Curriculum  
Laura Danko, EMIS Coordinator  
Eric Morris, Dir. of Student Services  
Angela Wagler, Director of Technology

### Norton Board of Education:

Jennifer Bennett  
Rob Knight  
Jason Sams  
Pat Santelli  
Cindy Webel

### Norton High School Administration:

Mr. Ryan Shanor .....Principal  
Mr. Rob Howerton .....Asst. Principal  
Brian Miller.....Athletic Director

### Norton High School Counselors:

Mrs. Jessica Williams: A-K  
Mrs. Tracey Colecchi: L-Z



### Norton High School Numbers:

Athletic Office - 330-825-4167  
Athletic Office Fax - 330-825-4275  
Attendance Hotline - 330-706-2760  
Guidance Office - 330-825-6104  
Guidance Office Fax - 330-706-0369  
Main Office - 330-825-7300  
Transportation Office - 330-825-4802

## **Principal's Message:**

Dear Students and Parents,

Norton High School is very proud to offer all of our students the opportunity to experience a curriculum that offers a wide variety of courses designed to help you now and in all your future endeavors. Please take this opportunity to review our career/technical offerings as well as the more traditional classes. Carefully consider your course selections by working with your parents and counselors to design the best path for you as an individual. Remember that every student is different, so choose courses based upon your short and long term goals.

Your high school years will go quickly. Make the most of them by taking advantage of the wonderful opportunities that are made available for you at Norton High School.

Sincerely,

Ryan Shanor

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## **District Vision:**

*Every Child Every Day*

## **District Mission:**

*To inspire life-long learning in a caring, safe environment through challenging educational experiences for **every child every day.***

## **Counselor's Message**

This curriculum guide is for students and their parents. It contains information about standard of promotion, requirements for graduation, course descriptions and other information about the high school curriculum.

As your counselors, we will be working with each of you as you prepare course selections. Planning your high school program entails selecting courses which are suited to the individual needs and interests, whether you plan to enter the world of work after graduation or go on to college/technical schools. Each student must realize that course selection represents a strong commitment. Serious consideration of appropriate classes at this time will alleviate problems associated with later schedule change requests. Requests for schedule adjustment may not be honored due to class size, schedule conflicts etc.

The guidance office offers varied services to assist the individual student to make the most of his/her own abilities and opportunities while at Norton High School. The counselors value the opportunity to help each student. When students need to see their counselor and request an appointment, an appointment will be scheduled as soon as possible.

Guidance services are many and varied and include but are not limited to the following:

- A. Course Selection, Scheduling Issues, And Schedule Changes - Guidance counselors will assist students, teachers, and administrators in scheduling. Teachers are asked to recommend course levels. Parents are asked to approve any academic changes in the student's schedule.
- B. Checking And Monitoring Graduation Requirements - Counselors maintain a record of students' credits and alert both students and parents of concerns. During enrichment, students are encouraged to have conferences with the counselors to plan for the future.
- C. College and Advanced Placement Testing - Most colleges require entrance examinations. The two most prominent are the (SAT) Scholastic Aptitude Test, and the (ACT) American College Test. Academically outstanding sophomores are encouraged to take the PSAT for practice. Junior year PSAT is the qualifier for National Merit standing. PLAN is for sophomore career and college planning.
- D. Post high school planning including processing college and scholarship applications, managing the transcripts, and many other post high school options - These are available upon request. Transcripts are mailed to the school or employers that students designate. (See "Authorization for the Release of Student Records.") All transcripts will be issued free of charge. Release forms must be signed by a parent if the student is under the age of 18.
- E. Career Planning - All students have special skills, interests, and aptitudes that can be channeled and developed into a career field. Resources used include: career interest inventories, Compact Career Passports, aptitude tests and college readiness tests.
- F. Counseling Individual Students Regarding Personal Issues - Everyone, from time to time, encounters problems that interfere with their daily lives. When students find themselves in this situation, they would find it helpful to discuss the problem with a guidance counselor.
- G. Other services of the Guidance Department include: Managing the OGT tests and results, Set-up and management of special events: the financial aid program, post-secondary opportunities program, information night for parents etc., Counseling students regarding issues that affect their academic progress, and collaborating with teachers and administration to help each student work toward success in school.

Parents are welcome and it is always best to call the guidance office to make an appointment.

**If parents are questioning individual classes and grades please directly contact that classroom teacher.**

Guidance counselors are available to assist in this process.

Your counselors are:

Mrs. Jessica Williams (A-K)

Mrs. Tracey Colecchi (L-Z)

## Requirements for Graduation from Norton High School

	<b>Graduating Classes 2014 and beyond</b>
<b>English</b>	<b>4 credits</b>
<b>Math</b>	<b>4 credits</b> Must include: 1 credit of Algebra II or the equivalent of Algebra II
<b>Science</b>	<b>3 credits</b> Must include: 1 credit of Physical Science 1 credit of Biology 1 credit of advanced study in Chemistry, Physics or other Physical Science; Advanced Biology or other life science; or other Earth or Space Science
<b>Social Studies</b>	<b>3 credits</b> World Studies 1600-Present American Studies 1877-Present American Government
<b>Physical Education/ Health</b>	<b>0.50 credit—Physical Education*</b> <b>0.50 credit—Health</b>
<b>Required Electives</b>	<b>1 credit</b> Fine Arts*
<b>Additional Requirements</b>	<b>0.50 credit</b> Business Technology & Financial Literacy Requirement*
<b>Ohio Graduation Test</b>	Pass All Five Parts
<b>Service Hours</b>	10 Service Hours To be completed senior year
<b>Total Credits Required</b>	<b>21</b>

### \* Physical Education requirement

Beginning with the class of 2010, a student, who during high school participates in school-sponsored interscholastic athletics, marching band, or cheerleading for at least two (2) separate, full seasons is not required to complete any physical education courses as a condition to graduation.

### \*Classes that fulfill Fine Arts requirement

Marching Band (0.50 credit), Concert/Symphonic Band (0.50 credit), Jazz Band (0.50 credit), Music Theory & Appreciation (0.50 credit), Choir (1 credit), Art (1 credit), Visual Art Photography (0.50 credit)

\*\*\*\*Students following a career-technical pathway are exempted from the fine arts requirement

### \*Classes that include Financial Literacy component for Graduation requirement

**Business/Technology:** Accounting, Business and Personal Finance, Economics DC

**Family & Consumer Sciences:** Financial Management

**Social Studies:** Economics

**Math:** Statistics



# New High School Graduation Requirements

## Beginning with the Class of 2018

House Bill 487 updated Ohio's graduation requirements to ensure that all students are ready for success in college and work. As a result, the Class of 2017 (10th-graders in the 2014-2015 school year) will be the last students to take the current Ohio Graduation Tests. The new requirements take effect with students entering ninth grade in the 2014-2015 school year (Class of 2018). Additionally, every student in the Class of 2018 and beyond will have the opportunity to take a nationally-recognized college admission exam free of charge in Grade 11. The honors diploma remains another option for students.

### Unchanged

Complete Ohio Course Requirements	State Minimum
English language arts	4 units
Health	½ unit
Mathematics	4 units <sup>1</sup>
Physical education	½ unit <sup>2</sup>
Science	3 units <sup>3</sup>
Social studies	3 units <sup>4</sup>
Electives	5 units <sup>5</sup>
<b>Other Requirements</b>	
Economics and financial literacy <sup>6</sup>	
Fine arts <sup>6</sup>	



### New

#### All students take end-of-course exams:

- Algebra I and geometry or integrated math I and II
- Physical science
- American history and American government
- English I and English II

Students studying Advanced Placement (AP), International Baccalaureate (IB) or taking dual enrollment courses in physical science, American history or American government may take assessments aligned to those courses in lieu of end-of-course exams to avoid double testing.



### New

#### And meet one of the following three:

- Earn a cumulative passing score on seven end-of-course exams. The scores will be set by the State Board of Education.
- Earn a "remediation-free" score on a nationally recognized college admission exam such as ACT or SAT. The state of Ohio will pay for all 11th-grade students in the Class of 2018 and beyond to take the exam free of charge.
- Earn a State Board of Education-approved, industry-recognized credential or a state-issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment.

<sup>1</sup> Mathematics units must include one unit of algebra II or the equivalent of algebra II. Students on a Student Success Plan may be exempted from taking algebra II.

<sup>2</sup> School districts may adopt a policy that would exempt students who participate in interscholastic athletics, marching band or cheerleading for two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years from the physical education requirement. Students must take another course, which cannot be a physical education course, of at least 60 contact hours.

<sup>3</sup> Science units must include one unit of physical sciences, one unit of life sciences and one unit advanced study in one or more of the following sciences: chemistry, physics or other physical sciences; advanced biology or other life sciences; astronomy, physical geology or other earth or space sciences. Students on a Student Success Plan may be exempted from advanced study in science.

<sup>4</sup> Social studies units must include ½ unit of American history and ½ unit of American government.

<sup>5</sup> Electives units must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.

<sup>6</sup> All students must receive instruction in economics and financial literacy during Grades 9-12 and must complete at least two semesters of fine arts taken any time in Grades 7-12. Students following a career-technical pathway are exempted from the fine arts requirement.

<sup>7</sup> The State Board of Education may decide to include an algebra II end-of-course examination in place of the algebra I end of course exam beginning for students entering ninth grade on or after July 1, 2018.



## Outside Credits

Outside credits may be earned during a student's high school career. Outside credits may include summer school, correspondence courses, night school, online courses, work study credits and other alternative remedial educational credits. **All alternative educational credits must be pre-approved by the building principal.**

## GRADING AND HONORS INFORMATION

### Grading Policy for Norton High School

The Board of Education directs that the assessment of academic progress for students in grades K-12 be **criterion-based**. Letter grades for each subject are based on performance standards; grades are not based on how well the students perform in comparison to other students. Letter grades are based on classroom practice and achievement that have been assessed to date and are evidenced on the online reporting system.

The Board of Education recognizes that **academic practice** and **academic achievement** are valuable parts of the learning process. Academic practice is defined as an early state of learning material for the first time. During this early state, the student needs instruction and practice on a topic. The purpose of academic practice is to evaluate where he/she is in the learning process, diagnose any problems and provide the intervention necessary to learn or extend the material. The purpose of academic achievement is to evaluate how well a student has learned the material after he/she has had sufficient instruction and practice on a topic. It is recommended that both are included in student evaluation.

In order to ensure a more accurate reflection of academic progress, all academic work is to be classified into 1 of 2 categories: achievement or practice. The weighting ratios of these two categories (achievement/practice) will be no less than:

Grades 3 & 4: 60/40

Grades 5 & 6: 70/30

Grades 7 & 8: 75/25

Grades 9-12: by department, but no lower than 75% for achievement, and no more than 25% for practice

The Board of Education directs that **A.P. courses will be weighted** on a 5 point G.P.A. scale. This will become effective with the 2014 freshman class.

The Board of Education directs that high school honor courses will be weighted on a 4.8 G.P.A. scale. This will become effective with the 2017 graduating class.

**Late work** is considered work that has not been completed by an assigned due date. Late work is not work late due to absence. Students who miss work due to excused absences will adhere to the make-up work section of the attendance policy.

In an effort to help students succeed academically they will be given the opportunity to make up all missed work for 75% of its original credit within a timeline designated by the teacher. If a student chooses not to complete assignments, zeros will be assigned.

**Extra credit** will not be used. Differentiation (alternative strategies/assignments) will be consistently used in place of extra credit. Bonus questions/points can be offered as higher-order thinking questions on a topic which will only positively affect a student's grade.

**Grades K-2:** Non-graded with descriptive mark

**Grades 3-12 Grading Scale**

98-100	A+	4.3334
93-97	A	4.0000
90-92	A-	3.6667
87-89	B+	3.3334
83-86	B	3.0000
80-82	B-	2.6667
77-79	C+	2.3334
73-76	C	2.0000
70-72	C-	1.6667
67-69	D+	1.3334
63-66	D	1.0000
60-62	D-	.6667
59 & below	F	0.0000

**High School Report Cards**

The format of the report card for high school students consists of a computer printout. This report card is printed after the proper information has been electronically submitted by the teacher.

Report cards will be sent home with the students for the first three reporting periods of the school year on the dates indicated on the Board-adopted school calendar. At the end of the school year, report cards will be mailed. Interim reports will be sent home with the students on the dates indicated on the Board-adopted school calendar. No final grades will be adjudicated as incomplete--no variance from the final second semester examination schedule will be permitted.

The letter marks "A" through "F" are restricted to the measurement of academic achievement. "I" may be used for a temporary incomplete status.

Students owing fees/fines will not be issued a report card until the debt has been paid within the limits of the law. If you have financial difficulties paying fees, see the principal to set up an appropriate fee schedule.

### **Merit Roll/Honor Roll**

Recognition for academic excellence shall be a part of the school program. A roster of students who meet the standards shall be compiled.

The Merit Roll shall be for students who achieve a grade point average of at least 3.30. The Honor Roll shall be for students who have a grade point average of 3.80 or better. Grade point averages of 4.3 will be accorded high honors.

### **Honors for Excellent Attendance**

Norton High School maintains an enviable record of student attendance. Many high school students are absent fewer than five days per academic year.

Special recognition is afforded those students with perfect attendance.

Norton High School recognizes that excellent attendance is a measure of the student's reliability, responsibility and maturity.

## **CLASS RANK/VALEDICTORIAN**

Students must have completed 4 consecutive semesters of classes at Norton City Schools to become eligible for Valedictorian, Salutatorian or other awards based on rank.

For the class of **2014 and beyond**, class Valedictorian and Salutatorian will be based on the number one and number two students with the highest and second highest cumulative grade point average based on the weighted class rank. Advanced Placement classes and College Credit Plus courses (that are determined to be the equivalent of our AP courses) receive a weighted grade.

For the class of 2017 and beyond, Honors classes, Advanced Placement classes, and College Credit Plus courses (that are determined to be the equivalent of our AP courses) receive a weighted grade.

In addition to having Valedictorian and Salutatorian honors, Norton City Schools will be using the Latin system to honor the excellent performance and achievement of many worthy students. The Latin System consists of: Summa Cum Laude (3.90 and higher G.P.A), Magna Cum Laude (3.50-3.899 G.P.A.), and Cum Laude (3.25-3.499 G.P.A.). Students will be recognized during the graduation ceremony for their achievements.

**High School Academic Diploma with Honors for Graduating  
Classes of 2011 and Beyond**  
*Students need to fulfill only 7 of the following 8 criteria*

<b>Subject</b>	<b>Criteria</b>
<b>English</b>	4 units
<b>Mathematics</b>	4 units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
<b>Science</b>	4 units, including Physics and Chemistry
<b>Social Studies</b>	4 units
<b>Foreign Language</b>	3 units, including at least 2 units in each language studied
<b>Fine Arts</b>	1 unit
<b>Career-Technical</b>	Not counted toward requirements and may not be used to meet requirements
<b>Electives</b>	Not counted toward requirements
<b>Grade Point Average</b>	3.5 on a 4.0 scale
<b>ACT/SAT Score [excluding scores from the writing sections]*</b>	27 ACT / 1210 SAT
<b>Additional Assessment</b>	None

**Career-Technical Diploma with Honors for Graduating Classes  
of 2011 and Beyond**  
*Students need to fulfill only 7 of the following 8 criteria*

<b>Subject</b>	<b>Criteria</b>
<b>English</b>	<b>4</b> units
<b>Mathematics</b>	<b>4</b> units, including Algebra I, Geometry, Algebra II or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
<b>Science</b>	<b>4</b> units, including Physics and Chemistry
<b>Social Studies</b>	<b>4</b> units
<b>Foreign Language</b>	Not counted toward requirements
<b>Fine Arts</b>	Not counted toward requirements
<b>Career-Technical</b>	Now counted in Electives
<b>Electives</b>	<b>4</b> units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit.
<b>Grade Point Average</b>	<b>3.5</b> on a 4.0 scale
<b>ACT/SAT Score [excluding scores from the writing sections]*</b>	<b>27</b> ACT / <b>1210</b> SAT
<b>Additional Assessment</b>	Achieve the proficiency benchmark established for the appropriate Ohio Career-Technical Competency Assessment or the equivalent

# **NORTON HIGH SCHOOL ACADEMIC INFORMATION**

## **Scheduling**

Courses may not be offered due to insufficient enrollment or other considerations. Students are urged to consider alternative electives in the event their primary choice is not available.

Students may only have one study hall per semester. Students are encouraged to take required courses prior to electives.

## **How to Select Your Courses**

1. **READ THIS COURSE GUIDE THOROUGHLY. FOLLOW THE DIRECTIONS.**
2. Seek the advice of your parents, teachers and counselors about courses and academic and/or career goals.
3. Follow directions on teacher/counselor approved courses.
4. Complete the registration form. Until you are sure, use a PENCIL.
  - a. Select your course.
  - b. You must have a minimum of 5.00 credits per year to be considered a full-time student. Early release from the academic day is prohibited (work-study programs are accepted)
  - c. Check all required subjects for your particular grade level and other prerequisites.
5. Your parents must sign your registration form indicating approval of your course selection.
6. Be sure to get the necessary teacher approval.
7. Be sure to check course sequence.
8. Study hall will be offered during the day for students with a specific need for in-school study time. Study halls are limited to one per semester.

## **Procedure for Course Registration**

The following steps will be taken to schedule students for classes:

- ❖ Group meeting with scheduling team
- ❖ Individual conference with counselor if needed
- ❖ Parent signature is required on course selection sheet, to be returned to the Guidance Office
- ❖ Students will schedule class requests in the computer labs
- ❖ Any change must be made prior to the closing of school
- ❖ Curriculum information is posted on the Norton City Schools Website

## Schedule Change Procedures

Scheduling is an extremely important process and careful consideration must be devoted to course selection. Students and parents should work with the guidance counselor to develop schedules that meet individual student needs as well as state and local graduation requirements.

To balance class sizes, provide sufficient staff/material resources, stabilize student schedules, and maintain an appropriate educational atmosphere for all academic days, schedule changes must be minimized. However, it is understood that some changes are inevitable. All requests for schedule changes must be made in August prior to the start of school.

A. Schedule changes in preparation for the coming year should be made before the end of the current school year. Exception: Changes due to summer school will be made in August prior to the start of school.

1. If an error has been made in the scheduling of courses, the student must complete a "Request for Schedule Change" form. Only the following circumstances are considered errors:
  - a course is omitted which the student selected
  - a course is included which the student had not selected
  - adjustments to reflect summer school status
2. During this time period, students may also request schedule changes to:
  - replace a study hall with an unfilled course
  - adjust schedule due to test results
  - adjust schedule due to a failure
3. "Request for Schedule Change" forms may be obtained at orientation or in the Guidance Office.
4. To request a schedule change, the student must complete and submit a "Request for Schedule Change" form. A guidance counselor will schedule a conference with the student and/or parent if necessary. Note: The parent or guardian must sign this form to indicate agreement.

B. **After the school year begins**, schedule changes are limited to a change of course level (core classes only) or withdrawal from a course. Students will follow the same procedures for both types of change.

- **request for a change of teacher will not be honored**

All requests for level changes must be presented in writing to the student's assigned guidance counselor. The request must have both the signature of the parent and teacher. When there is a disagreement between the student, counselor, parent and/or teacher concerning the advisability of the change, a conference can be scheduled.

1. Change of course levels within a subject area will be made in accordance with the following guidelines:
  - a. Students may request a change during the first grading period if they have a failing grade in the course.
  - b. Teachers may also initiate a change following the same conference.
  - c. The first nine week grade will be a calculation of prior class grades and current class grades.

2. Course withdrawal will be made in accordance with the following guidelines:
  - a. During the first five days of a course, the student may request to withdraw from a course with no penalty.
  - b. After the first five days, a student may request to withdraw from a course, but will be assigned the grade "WF", which will be used when computing the GPA. Permission must be obtained from the building principal for a WF.
  - c. After the first day of school, teachers will be given a daily list of all schedule changes. The actual class change takes place the following school day. Students must continue reporting to their originally scheduled classes until processing is complete.
  - d. Any requests for changes outside the scope of this policy must be submitted in writing by the parent/guardian to the building principal for evaluation. The principal will make a decision after consulting with the affected individuals.

### **Replace a Grade**

With the permission of the principal, guidance counselor and teacher, a student may repeat a high school course they have previously passed or failed. Courses may only be repeated from the prior year and the last grade will be recorded and used in computing the GPA. Credit may be granted only once. The student must be taking the minimum five credits in addition to the repeated course.

### **College, University or Vocational Training**

Students are advised to begin exploring the vast array of higher education opportunities as soon as possible in their high school career. Information on colleges and universities is available through the Guidance Office. Due to the intense competition for admittance to certain prestigious schools, it is vital that students address their educational and applicatory needs prior to the senior year of high school. When in doubt, consult with your counselor.

### **College Visitation/Job Interviews**

In the event you are unable to arrange an appointment after school hours or on a school vacation day, a senior or junior may request two days of excused absences to visit a college campus. Seniors may request one day of excused absences to go for a job interview. Please use the following procedure if you plan to use this process:

1. Set up an appointment well in advance.
  2. Forms to request day(s) must be secured from the Guidance Office. This form must be returned to the Guidance Office at least one week prior to your appointment.
  3. Failure to return the visitation verification portion to the counselor's office will result in an unexcused absence or a truancy for the day missed.
  4. Visits to The University of Akron and Kent State University are to be scheduled for weekends, days off, or after school. This is possible due to the location proximity. We will excuse students to attend *special day* programs at area colleges.
  5. No college visitations will be permitted for seniors after April 30, except for orientations and placement tests.
  6. Exceptions may be appealed to the Principal.
- ⊗ Failure to follow this procedure will cause your request to be denied and/or absence to be considered unexcused.



## **Glossary**

Credit (or unit) – the numerical value given for successful completion of a subject. The earning of credits begins with ninth grade unless the course is approved as a high school credit when taken in eighth grade.

Prerequisite – a course required beforehand. One in which a student has earned a credit.

Elective - any subject which is not required for graduation.

Class Rank – the numerical position of the individual student in comparison with others qualified for ranking within that specific class.

GPA (Grade Point Average) – the mathematical average of all grades posted each nine weeks.

Cumulative GPA – the mathematical average of all final averages for courses completed. This average is used for class rank determination.

Fees – an estimated cost for class materials/workbooks/software, etc.

## **EDUCATIONAL OPTIONS**

### **College Credit Plus**

College Credit Plus replaces Ohio's Post-Secondary Enrollment Options program (PSEO) beginning with the 2015/16 school year. House Bill 487 covers most aspects of the College Credit Plus program and the rules regarding CCP are to be released at a later date.

Please visit the following websites for current information regarding College Credit Plus:

[https://www.ohiohighered.org/college\\_credit](https://www.ohiohighered.org/college_credit)

<https://education.ohio.gov>

**The following page is a broad example of possible pathways to follow to earn 15 or 20 college credits with College Credit Plus.**

# Associate of Arts (AA) - Transfer Pathway

## Suggested 15 credit hour pathway

Course Name	Catalog Number	Credit Hours
Effective Speaking	COM123	3
College Composition	ENG124	3
Medical Terminology	BIO125	3
Basic Economics	BUS122	3
General Psychology	PSY121	3
		15



## Suggested 30 credit hour pathway

Course Name	Catalog Number	Credit Hours
Statistics	MTH124	3
College Composition II	ENG231	3
Political Science	PSC121	3
World Civilization from 17 <sup>th</sup> Century	HIS222	3
Climate Studies (lab)	BIO128	3
		30

\*\*This is a general guideline—other class options available

\*\*Must also meet NHS graduation requirements and athletic eligibility requirements if playing a school sport

## **Norton High School College Credit Plus Policy**

1. A student must be in grades 7 through 12 in order to enroll in CCP. In addition, the student must meet the eligibility requirements of the college of choice and be accepted by the college.
2. The responsibility for transportation to and from the institution where the CCP courses are taken rests with the student.
3. Records of the course work and credits granted will be included in the student's cumulative file. The record shall include:
  - Credits earned
  - Grades awarded by the university
  - Name of college where course work was completed
  - Notation that the credits were earned as a participant in CCP.
4. All courses taken under CCP will be included in the high school transcript .
  - Grades will be counted in grade point average and toward class rank.
  - Grades will be listed on the student's official transcript and credits will be added to the total earned during four years of high school.
  - Credits earned will satisfy, when applicable, high school graduation requirements and/or subject area requirements of the school district.
  - College courses will be given high school credits in a subject area most similar to that offered by the high school.
5. When students have elected to receive high school credit for college courses, credit will be awarded for successful completion of courses in accordance with the following guidelines:
  - The principal shall require the student to submit a course syllabus or detailed description of each college course taken so that a comparison can be made with existing high school courses. If the principal determines that the college course is comparable to one offered by the high school, the equivalent high school credit shall be granted.
  - In the event that the student or parents contest the credit, the Superintendent shall determine the appropriate credit. The Superintendent's decision may be appealed to the State Board of Education, whose decision in the matter shall be final and binding.
6. The student and parent will sign a form stating that they understand the responsibilities they must assume in the program. This form will be placed in the student's file.
7. Student and Parent must attend a CCP advisory meeting.
8. No graduation requirements will be waived for participation in CCP.
9. Once you have been accepted by the university and classes have been scheduled, you must provide your Norton High School counselor with a copy of your college schedule, verify the number of high school credits you will receive from CCP courses with your high school, and make sure you have 5 academic classes each semester. You may earn a maximum of the equivalent of 7 high school credits.

College Credit Plus parent waiver is attached to the Board policy and is to be considered a part of the policy.

**NOTE:** Students and parents/guardians must be advised, registered and have appropriate forms completed by **March 31st** to be eligible for participation in CCP.

\* See your counselor by **March 1st**.

**Failure and/or withdrawal from the CCP course will result in a financial obligation for your parent(s). You must file withdrawal forms with the college and meet with your high school counselor to develop a new course schedule.**

- ◆ **See the Athletic Eligibility Section of this guide for eligibility under the Post-Secondary Enrollment Options Program.**

**Eligibility requirements for Post-Secondary:**

- ⇒ Varies depending on the college or university
- ⇒ Students must apply for admission to the college by the application deadline date of that college
- ⇒ Application fees may apply and are the responsibility of the student

**Credit Flexibility**

- A) Senate Bill 311 requires that Ohio's plan for **credit flexibility** is provided to all high school students starting the 2010-2011 school year. Norton High School students will have a new opportunity to earn units of high school credits based on demonstration of subject area competency performance. Students may earn credits by:
  - 1) Completing coursework: Testing out of or demonstrating mastery of course content
  - 2) Pursuing one or more "educational options" (e.g., distance learning, educational travel, independent study, an internship, music, arts, after-school/tutorial program, community service or other engagement projects and sports)
- B) Credit Flexibility is intended to motivate and increase student learning by allowing:
  - 1) Access to more learning resources, especially real-world experiences
  - 2) Customization around individual students needs
  - 3) Use of multiple measures of learning, especially those in which students demonstrate what they know and can do, apply their learning, or document by performance
- ✓ Monies and transportation costs associated with credit flexibility will be the responsibility of the student.
- ✓ Application forms are available in the high school Guidance office. The first application due date for the 2015-2016 school year is **May 15, 2015.**
- ⇒ If you have any questions, please contact Sharon Herchik, Director of Curriculum & Instruction at: [sherchik@nortonschools.org](mailto:sherchik@nortonschools.org), or Ryan Shanor, High School Principal at: [rshanor@nortonschools.org](mailto:rshanor@nortonschools.org).

## **College Credit Plus at Norton High School**

Designed to provide enhanced access to college curricula and credits for qualified students. CCP classes are taught or supported by Norton High School teachers which allows us to offer college courses for credit here at Norton. Students can earn college and high school credit in these courses.

### **Program Guidelines:**

- ◆ Courses follow the Colleges' course syllabi and include all required textbooks, exams, assignments and student learning assessments.
- ◆ All classes will be held at Norton and taught or supported by Norton High School teachers.
- ◆ Students must apply for admissions to the College.
- ◆ Students must meet the Colleges' admissions requirements:
- ◆ Students and parents must complete and sign all required documents including parent waiver.

### **Benefits of program:**

- ◆ Students can earn high school and college credit for course.
- ◆ Students do NOT leave high school setting and will be able to participate in daily school activities.
- ◆ Teachers of these classes are more accessible than college professors.
- ◆ There is no cost involved for student (unless student does not follow guidelines).
- ◆ Students do not need transportation to attend college classes.

### **Concerns of program:**

- ◆ CCP classes earn college credit and grades earned are part of the student's college transcript.
- ◆ If a student fails or drops class once it begins, student is required to pay the fee for the course the district would normally pay.
- ◆ All CCP courses will be included in the high school transcript .
  - Grades will be counted in grade point average and toward class rank.
  - Grades will be listed on the student's official transcript and credits will be added to the total earned during four years of high school.
  - Credits earned will satisfy, when applicable, high school graduation requirements and/or subject area requirements of the school district.
  - College courses will be given high school credits in a subject area most similar to that offered by the high school.

## **ATHLETIC ELIGIBILITY**

### **Athletic Eligibility**

The athlete must meet all standards set by the Ohio High School Athletic Association By-Laws regarding academics, age, amateur status, enrollment and attendance, recruiting, residence and transfers. Once a student-athlete has established his/her athletic eligibility under the Ohio High School Athletic Association regulations, the Norton Board of Education will not grant an athletic release to a student during the school year. Copies of any or all of these By-Laws are available upon request from the athletic director or at [www.ohsaa.org](http://www.ohsaa.org).

A student enrolled in the first grading period after advancement from the eighth grade must have passed 75% of those subjects carried the preceding grading period in which the student was enrolled.

School records or verification from sending school must establish the eligibility of a transfer student. The responsibility for establishing eligibility rests with the receiving school.

Summer school grades earned may not be used to substitute for failing grades from the last grading period of the regular school year.

Tutoring or examinations to complete the preceding grading period requirements is permissible provided the inability to complete the required work on time is due to illness or accident, and must be verified by a physician. This procedure applies to all students in school.

Dual Sport Participation: Due to academic demands, time limitations and limited team roster, The Norton Board of Education and Athletic Department do not recommend dual sport participation during an athletic season. However, it is recognized that a student-athlete may desire dual sport participation. For example: a high school cheerleader may want to participate as a member of the girls' soccer team. In any case, the athlete and the athlete's parents must agree to abide by the head coaches' rules and decisions pertaining to their individual sport. Also the head coaches of each sport must agree on the logistics of the participation prior to the beginning of official practice.

Interscholastic athletic competition is governed by the Ohio High School Athletic Association (OHSAA). Athletes must meet all standards set by the OHSAA regarding academics, age, amateur status, enrollment and attendance, recruiting, residence, and transfers. In addition to the eligibility requirements established by the Ohio High School Athletic Association, in order to be eligible for athletics a student:

1. Must receive passing grades in a minimum of five (5), one-credit courses or the equivalent, which count toward graduation during the preceding nine-week grading period.
2. Between a 1.0 and 1.499 GPA will be in a probationary program in which:
  - a. Student must attend study tables three (3) days per week
  - b. Show continued improvement in their nine (9) week GPA until they reach at least a 1.5
3. Between 1.5 and 1.9 GPA must attend study tables 2 days per week.
4. Failure to attend the required study tables will result in:
  - c. 1<sup>st</sup> offense – set out one (1) contest
  - d. 2<sup>nd</sup> offense – ineligible for remainder of nine (9) weeks

### Athletic Eligibility for Post Secondary Enrollment Options

For those students electing the post secondary option, their athletic eligibility will continue to be based upon the grading period used by the high school.

It is highly recommended that you obtain a copy of Ohio's Post-Secondary Enrollment Options Program from the State Department of Education. In addition, students electing to enroll in PSEOP must be certain that 1) The faculty members at the post-secondary institution understand that they will need to provide grades or a progress report at the time when the high school's grading period is over; and 2) The student-athlete is taking enough course work at the post-secondary institution exclusively, or between the post-secondary institution and the high school combined to be equivalent to five one-credit courses. Calculating equivalency of credits in the post-secondary institution is conducted in the same manner as in the high school based on the Carnegie unit. **College courses for which five semester hours (7 1/2 quarter hours) of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately.**

#### Example 1: Nine-Week Grading Period

**The factor of 3 is used for post-secondary institutions that are on the quarter system.**

<u>Subject</u>	<u>School</u>	<u>Credit &amp; Duration</u>	<u>Credit Equivalency (Must equal 5 units or equivalent)</u>
History	High	5 semester hours	$1 \times 1 = 1$
Literature	PSEOP	3 semester hours	$.6 \times 2 = 1.2$
Calculus	PSEOP	5 semester hours	$1 \times 2 = 2$
Biology	PSEOP	3 semester hours	$.6 \times 2 = 1.2$
<b>Total Credits</b>			<b>5.4 = eligible for the following grading period provided all courses passed</b>

#### Example 2: Nine-Week Grading Period

<u>Subject</u>	<u>School</u>	<u>Credit &amp; Duration</u>	<u>Credit Equivalency (Must equal 5 units or equivalent)</u>
French	PSEOP	5 semester hours	$1 \times 2 = 2$
Sociology	PSEOP	3 semester hours	$.6 \times 2 = 1.2$
Computers	PSEOP	2 semester hours	$.4 \times 2 = .8$
Geology	PSEOP	3 semester hours	$.6 \times 2 = 1.2$
<b>Total Credits</b>			<b>5.2 = eligible for the following grading period provided all courses passed</b>

**The factor of 2 is used for post-secondary institutions that are on the semester system.** Note that this student is taking all courses at the post-secondary institution, which is acceptable.

- ◆ **Note:** If a student is taking all course work at the post-secondary institution, the minimum number of credits required (under either the quarter or semester system) in order to maintain athletic eligibility is **13**. (Reprinted and revised from the Ohio High School Athletic Association).



\* **Know The Rules:**

**Core Courses**

- **NCAA Division I requires 16 core courses.** See the chart below for the breakdown of this 16 core course requirement.
- **NCAA Division II requires 16 core courses.** See the breakdown of core course requirements below.

**Test Scores**

- **Division I** has a sliding scale for test score and grade point average. The sliding scale for those requirements is shown on page two of this sheet.
- **Division II** has a minimum SAT score requirement of 820 or an ACT sum score of 68.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the four sections on the ACT: English, Mathematics, Reading and Science.
- **All SAT and ACT scores must be reported directly to the NCAA Eligibility Center by the testing agency. Test scores that appear on transcripts will not be used. When registering for the SAT or ACT, use the Eligibility Center code of 9999 to make sure the score is reported to the Eligibility Center.**

**Grade-Point Average**

- Only core courses are used in the calculation of the grade point average.
- **Be sure** to look at your high school's list of NCAA approved core courses on the Eligibility Center's Web site to make certain that courses being taken have been approved as core courses. The Web site is: [www.eligibilitycenter.org](http://www.eligibilitycenter.org).
- **Division I** grade point average requirements are listed on page two of this sheet.
- **The Division II** grade point average requirement is a minimum of 2.000.

**DIVISION I**  
**16 Core Course Rule**

**16 Core Courses:**

- 4 years of English.
- 3 years of Mathematics (Algebra I or higher).
- 2 years of Natural/Physical Science (1 year of lab if offered by high school).
- 1 year of additional English, Mathematics or Natural/Physical Science.
- 2 years of Social Science.
- 4 years of additional courses (from any area above, foreign language or non-doctrinal Religion/Philosophy).

**DIVISION II**  
**16 Core Course Rule**

**16 Core Courses:**

- 3 years of English.
- 2 years of Mathematics (Algebra I or higher).
- 2 years of Natural/Physical Science (1 year of lab if offered by high school).
- 3 years of additional English, Mathematics or Natural/Physical Science.
- 2 years of Social Science.
- 3 years of additional courses (from any area above, foreign language or non-doctrinal Religion/Philosophy).

**PLEASE NOTE:** Beginning **August 1, 2013**, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

**Other Important Information**

- Division II has no sliding scale. The minimum core grade point average is 2.000. The minimum SAT score is 820 (verbal and math sections only) and the minimum ACT sum score is 68.
- 16 core courses are required for Division I & Division II
- The SAT combined score is based on the verbal and math sections only. The writing section will not be used.
- SAT and ACT scores must be reported directly to the Eligibility Center from the testing agency. Scores on transcripts will not be used.
- Students enrolling at an NCAA Division I or II institution for the first time need to also complete the amateurism questionnaire through the Eligibility Center Web site. Students need to request final amateurism certification prior to enrollment.

For more information regarding the rules, please go to [www.NCAA.org](http://www.NCAA.org). Next, click on "Academics and Athletes," then "Eligibility and Recruiting," or visit the Eligibility Center Web site at: [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

Please call the NCAA Eligibility Center if you have questions at 1- 877-262-1492 (toll free).

**NCAA Eligibility Center  
06/18/09 LK:cr**

NCAA DIVISION I SLIDING SCALE CORE GRADE-POINT AVERAGE/ TEST-SCORE New Core GPA / Test Score Index		
Core GPA	SAT	ACT
	Verbal and Math ONLY	
3.550 & above	400	37
3.525	410	38
3.500	420	39
3.475	430	40
3.450	440	41
3.425	450	41
3.400	460	42
3.375	470	42
3.350	480	43
3.325	490	44
3.300	500	44
3.275	510	45
3.250	520	46
3.225	530	46
3.200	540	47
3.175	550	47
3.150	560	48
3.125	570	49
3.100	580	49
3.075	590	50
3.050	600	50
3.025	610	51
3.000	620	52
2.975	630	52
2.950	640	53
2.925	650	53
2.900	660	54
2.875	670	55
2.850	680	56
2.825	690	56
2.800	700	57
2.775	710	58
2.750	720	59
2.725	730	59
2.700	730	60
2.675	740-750	61
2.650	760	62
2.625	770	63
2.600	780	64
2.575	790	65
2.550	800	66
2.525	810	67
2.500	820	68
2.475	830	69
2.450	840-850	70
2.425	860	70
2.400	860	71
2.375	870	72
2.350	880	73
2.325	890	74
2.300	900	75
2.275	910	76
2.250	920	77
2.225	930	78
2.200	940	79
2.175	950	80
2.150	960	80
2.125	960	81
2.100	970	82
2.075	980	83
2.050	990	84
2.025	1000	85
2.000	1010	86

## **NCAA Approved Core Courses**

### **English**

- Language Arts I CP
- Language Arts I Advanced
- Language Arts II CP
- Language Arts II Advanced
- Language Arts III CP
- Language Arts III Advanced
- Language Arts IV CP
- Language Arts IV AP
- Journalism
- Argumentation
- Media Criticism
- Speech I
- Speech II

### **Social Studies**

- American Government
- American Government AP
- American History AP
- American Studies (1877-1945)
- American Studies Advanced
- Economics
- Psychology
- Sociology
- US/World Studies
- World Studies (1600-1945)
- US History to 1877 DC

### **Mathematics**

- Algebra I CP
- Algebra II CP
- Algebra II Honors
- Calculus AP
- Geometry CP
- Geometry Honors
- Pre-Calculus CP
- Pre-Calculus Honors
- Statistics
- College Algebra DC
- Trigonometry DC

### **Natural/Physical Science**

- Advanced Biology – Botany
- Advanced Biology – Zoology
- Biology
- Chemistry
- Integrated Science
- Environmental Science
- Environmental Science AP
- Physics

### **Additional Core Courses**

- French I
- French II
- French III
- French IV
- Spanish I
- Spanish II
- Spanish III
- Spanish IV

◆ Information retrieved from [www.NCAA.org](http://www.NCAA.org)

## **COLLEGE ENTRANCE RECOMMENDATIONS**

### **The Preliminary Scholastic Assessment Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) – Grade 10, 11**

The PSAT/NMSQT will be administered to all interested sophomores and juniors in the month of October. The PSAT includes questions designed to measure verbal reasoning skills, critical reading skills, math problem-solving skills, and a measure of writing skills. Students will be permitted to use any four-function, scientific, or graphing calculator on the test.

The PSAT serves two purposes:

1. Juniors must take this test to be eligible to compete for scholastic recognition and scholarships through the National Merit Scholarship Corporation
2. To provide practice for the SAT

Students register for the PSAT in late September in the Guidance Office. A fee of approximately **\$15.00** must be paid at the time of registration.

### **The American College Test (ACT)**

The American College Test is a test used for admission and placement by all Ohio colleges and universities. Most colleges and universities outside of Ohio also accept the ACT. The test consists of four subtests: English (45 minutes in length); Mathematics (60 minutes in length); Reading (35 minutes in length); and Science Reasoning (35 minutes in length). Students are permitted to use calculators on the mathematics test. An interest inventory is completed at the time of registration. Results of the test and interest inventory assist students with their educational and career planning. **It is recommended that juniors take the ACT in February, April, or June, and seniors take/retake the ACT in October or December.** Strong academic students in grade 10 may want to take the ACT for practice. Seniors must have taken the ACT to be considered for the **Ohio Academic Scholarship**.

The Writing Test is optional. Many universities are strongly recommending it, if not requiring the writing portion. Registration packets are available in the Guidance Office, or you may register on-line at [www.actstudent.org](http://www.actstudent.org).

### **The Scholastic Assessment Tests (SAT)**

#### **SAT I: reasoning Test and SAT II: Subject Tests**

The Scholastic Assessment Tests are used by many colleges for admission. All colleges in Ohio accept this test for admission and placement. Some selective colleges outside of Ohio may **require** the SAT. A student must be sure to check the testing requirement for each school he/she is considering

The SAT tests how well students reason using the knowledge and skills they developed in school. The College Board is changing the test to make it more closely related to high school coursework and to include Writing, which is an important skill for success in college and in life.

By including a third measure of skills through the addition of Writing, the new SAT will also help colleges make better admissions and placement decisions.

Many selective colleges require the SAT I **and** the SAT II: Subject Tests as part of their admission procedure. Students register for Subject Tests using the SAT I registration packet. The Subject Tests are one-hour, multiple-choice tests in Writing, Literature, World Language, History, Mathematics, Sciences, and English as a second language.

Students may take up to three subject tests at a testing session. *Students who are planning to attend selective colleges may wish to take one or more of the subject tests during or soon after they have completed a related course.*

The SAT is given seven times during the year. **It is recommended that juniors take the SAT in March, May or June.** These tests will assist student in their college planning and in satisfying requirements for special programs such as R.O.T.C. and early admission into college. **Seniors take/retake the SAT in October, November, or December.**

Strong academic students in grade 10 may want to take the SAT I for practice. Registration packets are available in the Guidance Office, or you may register on line at [www.collegeboard.com](http://www.collegeboard.com).

## **HOW COLLEGES SELECT STUDENTS**

Before they decide if they will admit a student, college admissions directors and their committees consider the following:

- ✓ The student's high school academic record
- ✓ The type of courses pursued by the student during high school
- ✓ Marked improvement by the student in scholastic achievement from year to year
- ✓ SAT, ACT, or other entrance examination scores (if required)
- ✓ The high school's rating on the student's personality and character
- ✓ Indication of the student's special ability: art, music, or leadership
- ✓ Service to the school by the student
- ✓ Service to the community by the student
- ✓ Extra-curricular activities pursued by the student: dramatics, sports, band, publications
- ✓ Attendance record and personal profile for the student
- ✓ Neatness and accuracy of the college application
- ✓ Letters of recommendation from the high school principal, counselors, teachers, and others
- ✓ The personal interview (if required)
- ✓ College essay (if required)

## **ACADEMIC, LEADERSHIP, AND CITIZENSHIP AWARDS**

### **President's Award for Educational Excellence**

The purpose of this award is to recognize academic success in the classroom.

Selection standards are:

- ♦ 3.5 cumulative grade point average through the first semester of Grade 12
- ♦ Achievement of at least 85<sup>th</sup> percentile in Math **or** reading on the ACT (score of 25) or SAT (score of 620) exams.
- ♦ These students receive an award certificate in recognition of Outstanding Academic Excellence, a lapel pin and a letter from President Barack Obama.

### **3.6 Cumulative Grade Point Average Medallion**

Seniors who have achieved a cumulative grade point average of 3.60 through 7 semesters of course work at Norton High School will be given a medallion on a red & white neck ribbon. These medals will be presented at the Academic Banquet in May and worn at graduation. There will be a designation of these students in the graduation program.

### **Principal's Award of Achievement**

In an annual Spring assembly, students achieving superior academic success for the current school year will be recognized. Students who have a 3.6 or higher grade point average, using all grades reported on their report card through the third nine-weeks for the current school year, will receive the following award:

- 1<sup>st</sup> time award – Certificate of Achievement
- 2<sup>nd</sup> time award – Academic N letter
- 3<sup>rd</sup> time award – Medallion (pin)
- 4<sup>th</sup> time award – Plaque

### **National Merit Finalists and Commended Students**

National Merit Finalists are determined by a student's performance on the PSAT/NMSQT test taken during October of their Junior year. Finalists have achieved a PSAT score that places them in the top 2% of the over one million students that take the PSAT each year. National Merit Finalists have the opportunity to apply for \$30 million dollars worth of National Merit Scholarships.

National Merit Commended Students are those that scored in the top 5% nationally on the PSAT/NMSQT test taken during their junior year. This places them in the top 50,000 students of the over one million students that take the PSAT each year.

### **Principal's Leadership Award**

The Senior that receives the Principal's Leadership Award is chosen by the faculty and the Principal based on their leadership skills, participation in service organizations and clubs, achievements in the arts and sciences, employment experience, and academic record. This senior must have a 3.0 or higher GPA.

### **Ohio Academic Scholars**

This program was established to recognize and give financial assistance to the state's academically outstanding students and to encourage these students to attend Ohio's institutions of higher education. Recipients of this award are determined by a mathematical combination of cumulative grade point average and ACT scores. The top five scores from Norton are submitted to The Ohio Board of Regents for scholarship consideration.

### **United States Marine Corps**

#### **Semper Fidelis Award**

- ◆ This is an award given to a senior who demonstrates leadership and musical excellence as a bandsman.

#### **Athletic Excellence Award**

- ◆ Awarded to a senior who demonstrates diligence, endurance and self-confidence in athletic achievements.

#### **Scholastic Excellence Award**

- ◆ This is an award given to a senior who demonstrates courage, perseverance and drive in the achievement of a superior academic record.

### **United States Army Reserve**

#### **Scholar-Athlete Award**

- ◆ The purpose of this award is to recognize high school students throughout the nation who demonstrate the highest achievement in both academics and athletics.
- ◆ At Norton High School, the Scholar-Athlete recipients are chosen based on cumulative grade point average, the number of sports participated in, and varsity letters earned.

### **Bausch & Lomb Science Award**

The Bausch & Lomb Science Award is awarded by the science faculty to the senior that has been most outstanding in the science offerings at Norton High School. Factors that are considered are the total number of science courses completed, grades earned, and a probable career in the field of science.



### **Stacy “Wig” Childers Memorial Scholarship**

The Stacy “Wig” Childers Memorial Scholarship is a \$1000 award available to any Norton High School student who is currently an active member of the marching band. Though very demanding as a teacher, Stacy was also known for having a big heart and being extremely caring. It was always her desire to see students obtain goals of high standard, and she challenged each of her students to exceed the goals set before them. As a member of the Norton Marching Band and Norton Music Booster families, Stacy always portrayed a selfless character as she dedicated her time and talents to ensure all students received the most out of their experiences. Recipients of the Stacy “Wig” Childers Memorial Scholarship must display the characteristics that defined Stacy’s nature and spirit as well as exhibit and sustain the band’s character traits of “pride, class, and dignity”. Applicants should fill out the “common scholarship application” and complete an essay describing how they subsist both Stacy’s spirit and the character traits of the band as well as why they are deserving of the award.

### **DAR Good Citizen Award**

Seniors are nominated for this award based on their achievement in AP History. The winner of this award is selected by the teachers at Norton High School, and will be able to compete in the “contest” portion. The student who wins this award best represents the following qualities.

- ◆ **DEPENDABILITY** – which includes truthfulness, loyalty, punctuality.
- ◆ **SERVICE** – which includes cooperation, courtesy, and consideration of others.
- ◆ **LEADERSHIP** – which includes personality, self-control, and ability to assume responsibility.
- ◆ **PATRIOTISM** – which includes unselfish interest in family, school, community, and nation.

### **The Cleveland Plain Dealer Senior Standouts**

Seniors are nominated and selected by the Norton High School faculty. They are selected based on the following criteria:

- ◆ Seniors who excel in academics, school involvement and community service. A nominee might show strength in a particular area, such as arts or science, or is successfully juggling a number of responsibilities, and achieving, despite daunting challenges.

### **Wendy’s High School Heisman Award**

This is a senior award nominated and selected by the teachers at Norton High School. The winners of this award, one male and one female, have the best combination of:

- ◆ 3.25 GPA or higher
- ◆ Athletic achievement
- ◆ Academic excellence
- ◆ Good citizenship

## **EXTRA-CURRICULAR ACTIVITIES**

### **Athletics**

#### **Athletics – Fall**

- ♦ **Cheerleading** – Varsity, Junior Varsity, and Freshmen
- ♦ **Cross Country, Boys and Girls** – Combination Varsity and Junior Varsity
- ♦ **Football** – Varsity, Junior Varsity, and Freshmen
- ♦ **Golf, Boys and Girls** – Varsity and Junior Varsity
- ♦ **Soccer, Boys and Girls** – Varsity and Junior Varsity
- ♦ **Tennis, Girls** – Varsity and Junior Varsity
- ♦ **Volleyball** – Varsity, Junior Varsity, and Freshmen

#### **Athletics – Winter**

- ♦ **Basketball, Boys** – Varsity, Junior Varsity, and Freshmen
- ♦ **Basketball, Girls** – Varsity and Junior Varsity
- ♦ **Bowling, Boys**-Varsity and Junior Varsity
- ♦ **Bowling, Girls**-Varsity
- ♦ **Cheerleading** – Varsity, Junior Varsity, and Freshmen
- ♦ **Wrestling** – Varsity and Junior Varsity

#### **Athletics – Spring**

- ♦ **Baseball** – Varsity and Junior Varsity
- ♦ **Softball** – Varsity, Junior Varsity, and Freshmen
- ♦ **Tennis, Boys** – Varsity and Junior Varsity
- ♦ **Track, Boys and Girls** – Combination Varsity and Junior Varsity

### **Physical Examination and Participation Forms**

- ♦ Athletic participation and physical examination forms must be properly signed by a physician, the participant, and a parent or guardian and must be on file in the Athletic Department before any candidate for a team may participate in a practice. These forms necessitate the physician's certification of the individual's fitness to participate no less than once a year.

### **Insurance Coverage**

All students participating in athletics must be covered by insurance in case of injury. Students without insurance coverage will not be allowed to participate.

### **Transfer for Students (For Participation in Athletics)**

In order for a student-athlete to be eligible after transferring into the Norton City Schools, he or she must meet one of the eleven (11) exceptions as established by the OHSAA.

For more information, please read Section 7—Transfers of the OHSAA By-Laws (4) to determine the eligibility/ineligibility of the student-athlete. Visit [www.ohsaa.org](http://www.ohsaa.org) for more information.

## **Activities and Clubs**

All club advisors are faculty members of Norton City Schools. To contact a club advisor by telephone, dial 330-825-7300 and enter the extension when prompted.

### **Academic Challenge**

Mrs. Stewart, ext. 531112

The Academic Challenge Team is designed for those students interested in displaying their intellectual talents from a wide variety of subjects. Students in grades 9-12 compete on a four-member team against other schools in the Summit County League. The team is required to recall information in fine arts, history, literature, math, science, and various miscellaneous topics. Practices for the season run for most of the year, but regular league play begins in October and ends in February. Other events for which the team may qualify include competitions at the State, Regional, and National Levels. If selected, the team also has the option of competing on the Academic Challenge television show. Team members earn an Academic Letter after one year of successful play.

### **Art Club**

Ms. Thornberry, ext. 532116

The Norton High School Art Club is intended for and is open to all students who enjoy art, students who want more art than their class or schedule allows, and for the student who is unable to fit an art class into their high school schedule. The club provides artistic opportunities beyond the walls of the classroom. The club participates in some activities that benefit the high school and City of Norton community. Students must have an interest in art and be willing to use their heart, hands, and mind to create art. Art Club is also the sponsoring arm of the National Art Honor Society.

### **Drama Club**

Mrs. Pletcher, ext. 532151; Mr. Reinhardt, ext. 532138

The Norton Drama Club provides students with the opportunity to appear on stage and contribute to the artistic and creative production process as technicians and designers. In addition to expressing themselves as actors, Norton students are offered the opportunities to serve in a facet of backstage opportunities including set design, stage hands, and sound/lighting technicians. Annually, Norton High School offers students two major productions (one in the fall and one in the late winter/early spring) as well as a variety of assorted dramatic skits and cuttings. Students expressing talent in their respective dramatic outlets and those contributing a number of service hours within the club are selected as members of the Norton High School Chapter of the National Thespian Society each year. Students interested in participating in the Norton Drama Club should seek audition materials and member application from the drama directors.

### **Family, Career, Community Leaders of America (FCCLA)**

Mrs. Barnhart, ext. 532108

FCCLA is only for students in Family and Consumer Science classes currently or in past years. We are a Career-Technical organization that focuses on leadership and service. Our main projects are: cooking for the Veteran's Day breakfast, sponsoring the Giving Tree, and making felt tic-tac-toe boards for Children's Hospital. Students are required to participate in a service project.

### **French Club-Modern Language Club**

Ms. Wolfe, ext. 532187

French Club is open to any student taking a French class the current school year. We meet twice per month to enjoy French foods, customs, and activities. Meetings are held before school and sometimes after school. We try to accommodate all schedules. We hold fundraisers to earn money to pay for our foods and projects. We try to speak French, but use English too at our meetings. Sometimes we go out to eat crepes and other French treats.

### **Key Club (Kiwanis Club of Norton)**

Mrs. Moore, ext. 532152

Key Club is a social and service group that is the “junior” version of our parent club, Norton Kiwanis. The service activities are extremely valuable for students needing job references, as part of National Honor Society requirements, and for college applications. Service activities include Cider & Cherry Blossom Festivals, Cider Festival Bike Run, Salvation Army kettles and holiday projects, Christmas caroling at senior citizens’ facilities, tutoring at latchkey and local churches, collecting food, clothing, toys, eyeglasses and cell phones for various agencies, community prayer breakfast, spirit carnations, Rose Day Delivery, and “Kiss A Senior Goodbye: fundraising projects. The club is open to all students at any time of the school year and works around sports or work schedules. Meetings are held every Thursday in room 216. Activities & agendas are posted outside the advisor’s classroom, Room 215.

### **IMPACT**

Ms. Alexander, ext. 532154

Impact is a group of students that get together for activities and discussions based on the Bible. We meet Tuesday mornings from 7-7:30 in the advisor’s classroom. Two weeks of the month are discussions and we talk about the Bible and apply it to the lives of teenagers. One week we spend time singing praise songs, and the last week of the month is spent having fun and playing games together. One night a month we have an evening activity. These activities include dinner, sled riding and similar pastime endeavors.

### **National Art Honor Society**

Ms. Suloff, ext. 532111

National Art Honor Society is an organization sponsored by the Norton High School Art Club and recognized by the National Art Education Association as a way to recognize and inspire those who have shown an outstanding ability in art. Students must be nominated and accepted to the Society. Membership is based on and considers the following four criteria: Art Scholarship, Academic Scholarship, Character, and Service. Students must maintain a 3.25 average in Art and an overall average of 2.75. Students in the Society work with the Norton High School Art Club to create service and art projects, and donate their time and talent where needed. Students in the Society are eligible for National scholarships and recognition.

### **National Career/Technical Honor Society**

Mrs. Ward, ext. 532118

Available to juniors and seniors in a Career/Tech program. Student must have a minimum 3.25 GPA over the most recent semesters; A– grade or better in their Career/Tech course. They must also have 95% attendance, no discipline issues, a desire to pursue an education in the Career/Tech field they are in, high moral character and a positive attitude. An application and essay is a requirement.

### **National Honor Society**

Mrs. Mohseninia, ext. 532145; Mr. Oswald, ext. 532157

The Norton Chapter of the National Honor Society is more than just an Honor Roll. The Honor Society chapter establishes rules for membership that are based upon a student's outstanding performance in the areas of scholarship, service, leadership and character (plus citizenship for Norton High School). These criteria for selection form the foundation upon which the organization and its activities are built.

### **Prom Committee**

Ms Suloff, ext. 53224; Ms. Wolfe, ext. 532187

Any junior is welcome to join Prom Committee. The Prom Committee is responsible for the planning of the Winter Formal dance, as well as the Junior/Senior Prom. Students in Prom Committee select the Prom theme, colors, DJ service, and the venue. Planning for Winter Formal and prom begins in October and continues until the prom in May. Meetings will be held before or after school as needed.

### **Students Against Destructive Decisions (SADD)**

Mrs. Williams, ext. 532128

SADD is a peer leadership organization dedicated to preventing destructive decisions including under-age drinking, other drug use, driving under the influence, teen violence, and teen depression and suicide. All students are welcome to join and become a member of SADD. Meetings are immediately after school and are usually held twice a month.

### **Spanish Club-Modern Language Club**

Mrs. Horst, ext. 532112; Mrs. Jamil, ext. 532144

Spanish Club is an organization devoted to the enrichment of the Spanish curriculum at Norton High School. Our goal is to further the understanding of the language and customs of the Hispanic world while providing a social outlet for students who share these interests. We enjoy dining at different restaurants each month. Meetings are one or twice a month. To join, you must be enrolled in a Spanish class during the school year, or must have previously taken Spanish.

### **Speech & Debate (Forensics)**

Mrs. Pletcher, ext. 532151

The Speech and Debate Team, otherwise known as the Forensics Team, offers students opportunities to develop skills in oral presentation, argumentation, speech writing, acting, and interpretation. In acting and interpretive events, students work independently and with their coach to present cuttings from plays, novels, and literature. In debate events, students research and write briefs to argue current issues and topics. Students can also participate in speech writing events in which speeches are written in advance or impromptu. The Forensics Team competes in tournaments against local and regional high schools, and is affiliated with the National Forensics League and the Ohio High School Speech League. Participating students also have the opportunity to earn membership into the National Forensic League and to gain access to local and national scholarships.

### **Student Council**

Ms Druckenbrod, ext. 532155; Ms. Suloff, ext. 532224

Student Council, a prominent student government organization, gives students a voice in determining school activities and environment. It helps promote activities for the entire student body at Norton High School and fosters a positive climate throughout the school. To be eligible, a student must file a petition for nomination with the sponsor. Elections for freshmen are held in January; elections for sophomores, juniors, and seniors take place in the spring: April or May. Interested students may run for class offices or executive board positions.

### **Ski Club**

Mrs. Tassone, ext. 532625

Open to all students with any level of skiing or snowboarding background, from the beginner to experienced level. Students are transported by Norton City School bus to Boston Mills once per week (usually Wednesday) for five weeks. They may continue to ski or snowboard on that week-night for as long as Boston Mills is open. Members of ski club must pay for the ski package, which includes lift tickets and rental equipment, if needed. Ski Club is limited to forty students (grades 6 –12) on a first come, first serve basis. Registration forms are made available to students mid to late October in the Guidance Office.

## COURSE DESCRIPTIONS

- ◆ Courses listed by department
- ◆ Course description, credits, pre-requisites (if applicable), length of class
- ◆ Courses with *Fee Required* charge a fee for extra materials (lab fee, workbooks, art materials, etc.) Students will be informed of the fee by the teacher at the initiation of the course.
- ◆ Course name descriptions:
  - CP: College Prep course
  - DC: Dual Credit: College course taught by Norton High School teacher. Students can earn high school and college credit. Students must meet CCP admissions requirements to take course.
  - Adv. or Honors: Course is an Advanced or Honors level and may be a pre-requisite for AP (Advanced Placement) Courses
  - AP: Advanced Placement: College level course that students MAY earn college credit in. AP courses are currently the only courses with a weighted grading scale.

## Business/Technology Department

Grade Level	Course Title	Credits
10, 11, 12	Accounting	1.00
10, 11, 12	Business and Personal Finance	0.50
10, 11, 12	Business Law	0.50
11, 12	Economics (*Dual Credit option)	0.60
10, 11, 12	Introduction to Multimedia and Design	0.50
9, 10, 11, 12	Integrated Computer Applications	0.50
9, 10, 11, 12	Spreadsheet/Database Application	0.50
10, 11, 12	Web Page Design	0.50
9, 10, 11, 12	Word Processing	0.50

<b>Accounting</b>	<b>1.00 credit</b>
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*One-Year Course*  
*Prerequisite: Algebra I*

Accounting is highly recommended for any student planning to study business, accounting, or law in college. It is also recommended for those planning to own their own business or professional practice. Students will learn how to analyze and record transactions, post to ledger accounts, prepare financial reports, complete payroll records, calculate taxes, maintain accounts receivable and payable records, and follow common accounting procedures. Automated accounting using Quick Books and Excel is also included. All universities and colleges require accounting for **every** type of business major.

<b>Economics DC</b>	<b>0.60 credit</b>
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*One-Semester Course*  
*\*Dual Credit option*  
*Prerequisite: Must meet PSEO requirements*

This college-level course will provide the student with a basic understanding of economics in a broad social science context. Within that framework, we will look at the basic economic theories that address consumers, producers, markets, government intervention, and social issues.

<b>Intro to Multimedia and Design</b>	<b>0.50 credit</b>
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*One-Semester Course*  
*Prerequisite: None*

This course focuses on content for presentations. . Students will learn basic concepts through specific software in the areas of design, image manipulation, photo editing, and animation. Students will learn to design and present slide shows using animation, transition, hyperlinks, action buttons, sounds, and other effects.

<b>Business and Personal Finance</b>	<b>0.50 credit</b>
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*One-Semester Course*  
*Prerequisite: None*

This semester course is designed for students interested in learning how to manage their finances using a variety of resources. Topics will include: saving money, wealth building, negotiating, establishing a budget, achieving financial and career goals, as well ending the course learning about types of business ownership and being an entrepreneur.

<b>Integrated Computer Applications</b>	<b>0.50 credit</b>
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*One-Semester Course*  
*Prerequisite: None*

This semester course is designed to increase keyboarding skills and then use that skill set to create Word processing documents and Excel spreadsheets.

<b>Business Law</b>	<b>0.50 credit</b>
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*One-Semester Course*  
*Prerequisite: None*

Law is designed for students interested in understanding the legal factors that influence business and personal decision-making processes. Topics covered include: laws, court system, rights of minors and contracts.



**Spreadsheet/Database Applications 0.50 credit**

*One-Semester Course*

*Prerequisite: None*

This semester course covers two key software applications—spreadsheets and databases. Students will learn to create and format spreadsheets, use complex formulas and functions, and develop charts and graphs using advanced techniques. Students will also learn how to create, edit, filter, query and sort databases, and how to create forms and reports using advanced techniques.

**Word Processing****0.50 credit**

*One-Semester Course*

*Prerequisite: None*

This semester course develops and enhances the word processing skills that all students need to succeed in high school, college and the workplace. Students will learn to create, add to and modify documents. Intermediate and advanced skills are taught. The course also includes a keyboard review to help reinforce good keyboarding techniques.

**Web Page Design****0.50 credit**

*One-Semester Course*

*Prerequisite: None*

This semester course is designed to give students a solid foundation in HTML for web page design. Students will learn to create and edit items such as text format, images, backgrounds, tables, links, and other web-page basics. With this knowledge, students would be able to apply these skills in the workplace where web page software programs are in place.

## Family and Consumer Sciences

Grade Level	Course Title	Credits
9, 10, 11, 12	Career & Family Life	0.50
10, 11, 12	Child Development	0.50
10, 11, 12	Financial Management	0.50
9, 10, 11, 12	Healthy & Nutritious Lifestyle I	0.50
11, 12	Healthy & Nutritious Lifestyle II	0.50
9, 10, 11, 12	Personal & Family Life Challenges	0.50

Office 330-825-6104

### **Career & Family Life                      0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

Confused about your future? This class will help you identify your strengths, abilities and talents towards personal and career success. You will plan for future job opportunities for your dream career.

### **Healthy & Nutritious Lifestyle I      0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

It is so important to practice a healthy lifestyle, but do you know how to choose the right foods? Learn about the food pyramid and understand its impact on your weight, health and lifestyle. (Basic Cooking)

### **Child Development                              0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

Whether you plan to be a teacher, child care worker, or a parent, this class is for you! This class provides the skills you need to understand children's development and needs. You will take home *Baby Think it Over* for a real-life experience!

### **Healthy & Nutritious Lifestyle II      0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

How can you make healthy food choices and still create tasty meals? Learn a variety of food preparation techniques as well as how to select foods that will meet healthy dietary guidelines.

### **Financial Management                              0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

Are you a spender or a saver? Can't wait to get your first credit card? You will be leaving home soon. How will you survive? Find the answers to these questions and more with this class!!

### **Personal & Family Life Challenges      0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

Do you know what your individual strengths and weaknesses are? Learn how to use your strengths to develop school, family and life goals. You will develop strategies for life-long learning, career planning, and examine how to improve relationships with your friends and family.

## Fine Arts (Art and Music)

Grade Level	Course Title	Credits
9, 10, 11, 12	Foundations of Art	0.50
9, 10, 11, 12	Art History	0.50
9, 10, 11, 12	Ceramics 1	0.50
10, 11, 12	Ceramics 2	0.50
9, 10, 11, 12	Crafts 1	0.50
10, 11, 12	Crafts 2	0.50
9, 10, 11, 12	Drawing & Painting 1	0.50
10, 11, 12	Drawing & Painting 2	0.50
11	Pre AP Studio Art	1.00
9, 10, 11, 12	Concert/Symphonic Band	0.50
9, 10, 11, 12	Jazz Band	0.50
9, 10, 11, 12	Marching Band	0.50
11, 12	Music Theory & Appreciation	

### **Foundations of Art**

**1.00 credit**

*One-Year Course*  
*Prerequisite: None*

The focus of this beginning course will be the introduction of art elements and principles of design; these tools are necessary for the creation of artwork across any medium. Students will work with a variety of materials and mediums in preparation for more advanced instruction.

### **Art History**

**.50 credit**

*One-Semester Course*  
*Prerequisite: None*

Art history will inform students of the artwork throughout history and how it was influenced by world events and culture during those times. Artwork will be discussed from over 40,000 years ago in the caves of Lascaux, France all the way to modern age art in the 1900's. There will be minimal hands on creation in this course, therefore there is no prerequisite needed.

### **Ceramics 1**

**.50 credit**

*One-Semester Course*  
*Prerequisite: Foundations of Art*

Students enrolled in Ceramics 1 will have already taken Foundations of Art and had the opportunity to make one ceramic project. In this course students will be given the opportunity to spend an entire semester focusing on the basics of clay handbuilding techniques. Projects will yield both functional pieces as well as sculptural work. Techniques such as pinch form, slab form, coil pots, and sculpture will be learned and applied to projects.

### **Ceramics 2**

**.50 credit**

*One-Semester Course*  
*Prerequisite: Foundations of Art; Ceramics 1*

Students will build on the knowledge gained from Ceramics 1 to create more advanced handbuilt projects, including busts and portraiture. Additionally students will get the opportunity to work on the potter's wheel and create functional pieces.

**Crafts 1****.50 credit***One-Semester Course**Prerequisite: Foundations of Art*

The focus of this course is to get students working with their hands using metal, plastic, leather, and textiles. Students will learn basic techniques for crafting and jewelry making. Some skills used will be texturing, soldering, etching, stone setting, netting, and other forms.

**Crafts 2****.50 credit***One-Semester Course**Prerequisite: Foundations of Art; Crafts 1*

Students will focus on building upon skills learned in Crafts 1. Again, student will be working with their hands using metal, plastic, leather, and other textiles. Students will learn more advanced techniques by combining the application of skills learned in Crafts 1 and also by learning the aesthetics and appreciation of professional crafts.

**Drawing & Painting 1****.50 credit***One-Semester Course**Prerequisite: Foundations of Art*

Students enrolled in Drawing & Painting 1 will have already taken Foundations of Art (or equivalent class) and will have learned the basics of art elements and principles of design in regard to drawing/painting. This course will be introducing students to the basics of drawing. Since drawing is the basis of all art work, students will be exposed to pencil, charcoal, pastels, and finally acrylics (painting). Within the course students will learn about figure drawing, dimensional drawing, as well as styles (both drawing and painting) throughout art history.

**Drawing & Painting 2****0.50 credit***One-Semester Course**Prerequisite: Foundations of Art; Drawing & Painting 1*

The focus of this course will be pushing the students to create advanced painting and drawing projects while utilizing techniques and knowledge learned in previous courses. Students will create various types of compositions including landscapes, portraits, figure drawings, and series. Various media will be used including acrylics, watercolors, tempera, collage, etc.

**Pre AP Art (junior year)****1.00 credit***One-Year Course**Prerequisite: Foundations of Art; three other semester art courses*

Students in this class will work to master the technical and artistic skills addressed in previous courses. The focus of this class is to begin making artwork based around a theme; this will help these students to be successful in the AP studio Art course their senior year as well as college art courses.

**Choir** **1.00 credit**

*One-Year Course*

*Fee: Robe Maintenance (Approximately \$10.00)*

*Prerequisite: Acceptance into this group is by vocal audition*

Emphasis will be on excellence through advanced musical techniques and literature. This group will perform 2 - 3 formal concerts, as well as contests and special events outside of the school day. This course may be repeated for credit.

**Concert/Symphonic Band** **0.50 credit**

*2nd, 3rd and 4th nine weeks*

*Fee: Uniform Maintenance (Approximately \$10.00)*

*Prerequisite: Teacher approval; students must audition in order to gain membership in the Symphonic Band or Concert Band*

These groups begin rehearsals in November and perform a minimum of three formal concerts per year. Commitment to after school rehearsals is dependant on which ensemble the student participates in. Symphonic band has one required rehearsal per week. They also participate in various contests and festivals. Participation in all performances is required. The bands perform many styles of music to promote a better understanding and appreciation of concert literature. This class, which should be taken along with Marching Band, also travels periodically. This course may be repeated for credit.

**Jazz Band** **0.50 credit**

*One-Year Course*

*Prerequisite: Current member in band program.*

This class is formed by audition and teacher recommendation. The course will provide students with study and performance of different styles of jazz through big band instrumentation. The ensemble meets before school and will perform multiple times in concerts, festivals and various community events.

**Marching Band** **0.50 credit**

*Beginning Summer and First Nine Weeks of School*

*Prerequisite: Participate in summer rehearsals and Band Camp*

This organization gives students the opportunity to perform several types of music in various settings. There are at least two required after school, full band rehearsals each week. All other rehearsals are within the school day. Band members are required to attend all performances. This organization, by design, builds character, self-confidence, leadership skills and promotes musical excellence. It is strongly recommended that this class be taken in sequence with Concert/Symphonic Band. Trips and/or tours are taken by the band on a periodic basis. This course may be repeated for credit.

**Music Theory & Appreciation** **0.50 credit**

*One-Semester Course*

*Prerequisite: Participation in Band or Choir*

This class will only be offered during first semester. This course is designed for a student to delve into the mechanics of musical notation. The course offers an introduction to composition, harmony and ear training. Regular homework assignments and quizzes will be given.

## Foreign Language

Grade Level	Course Title	Credits
9, 10, 11, 12	French I	1.00
10, 11, 12	French II	1.00
11, 12	French III	1.00
11, 12	French IV	1.00
9, 10, 11, 12	Spanish I	1.00
10, 11, 12	Spanish II	1.00
11, 12	Spanish III	1.00
11, 12	Spanish IV	1.00

<b>French I</b>	<b>1.00 credit</b>
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*One-Year Course*

*Prerequisite: Grade of at least "C" in Language Arts/Reading*

French I is an introduction to the French language and to the culture of the French-speaking world. The study of French is a program with the objective being to help each student attain an acceptable degree of proficiency in the four skill areas of listening, speaking, reading and writing in the target language.

<b>French III</b>	<b>1.00 credit</b>
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*One-Year Course*

*Prerequisite: French II and teacher approval*

In French III the more intricate aspects of French grammar are investigated. Reading materials cover a wide range of topics and are intended to increase the student's comprehension skills and broaden the French vocabulary. Spontaneity in oral expression and composition skills are class goals. The class is conducted entirely in French and a high level of student participation is expected.

<b>French II</b>	<b>1.00 credit</b>
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*One-Year Course*

*Prerequisite: French I and teacher approval*

French II continues the development of the skills introduced during the first year. The course content is widened to help the student improve their ability to converse, read and write about a greater variety of topics. A broad cultural focus (videos, selected readings, games, pen pals, reports) helps students become aware of the geographic and cultural aspects of the French-speaking world. A high level of student participation is expected. The class is conducted almost entirely in French.

<b>French IV</b>	<b>1.00 credit</b>
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*One-Year Course*

*Prerequisite: French III and teacher approval*

French IV is more individualized to meet the specific needs of students. A review of the basics of the French language is an on-going process and is achieved through increased class discussions, composition, more advanced reading selections and listening activities. Students prepare frequent class presentations in the form of skits; puppet shows and oral reports. French IV is basically self-contained; that is, much of the necessary preparation is completed during class time. Students who complete this level will feel very satisfied with their ability to speak, read and write the language. With this level of proficiency, most students should be able to acquire advanced college placement and/or college credit. This course is conducted entirely in French.

**Spanish I****1.00 credit***One-Year Course**Prerequisite: Grade of "C" or better in Language Arts/Reading*

A study of grammar, cultures, geography and conversation provided in a systematic presentation. Emphasis is on the development of listening, reading, writing and speaking skills. Use is made of movies, tapes and records.

**Spanish III****1.00 credit***One-Year Course**Prerequisite: Spanish II and teacher approval*

A review of Spanish grammar. Continued study of grammar, culture, geography, conversation and history. Main emphasis is placed on conversation and literature is introduced. Spanish III is taught in Spanish. Students will give speeches and skits in Spanish.

**Spanish II****1.00 credit***One-Year Course**Prerequisite: C or better in Spanish I and teacher approval*

The study of grammar, culture, geography, conversation and history is continued. By the end of the second year, a student should have a good understanding of the Spanish language and culture and be able to converse in Spanish. Students continue to develop skills in listening, reading, writing and speaking.

**Spanish IV****1.00 credit***One-Year Course**Prerequisite: Spanish III and teacher approval*

Continued study of grammar, literature, conversation, culture and history. The class is taught in Spanish. The students are given exposure to Hispanic culture through literature. Students will team-teach an elementary class, give skits, speeches, and continue practice in target language. Students will prepare to take a college placement test in target language.

## Health and Physical Education

Grade Level	Course Title	Credits
9, 10	Health	0.50
9, 10, 11, 12	Lifetime Sports & Activities	0.25
9, 10, 11, 12	Physical Conditioning	0.25

<b>Health</b>	<b>0.50 credit</b>
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*One-Semester Course*  
*Prerequisite: None*

This is an interesting and educational course designed to cover most aspects of life. We will cover a variety of health-related topics such as: bones/muscles of the human body, mental disorders, nutrition, self-esteem, relationships, dating violence, suicide, self-injury, reproduction/pregnancy, sexually transmitted diseases, alcohol/tobacco/drug use and abuse. Students are required to keep a daily journal and participate in a variety of teaching formats. They will participate in several unit projects, small group work and submit a portfolio for both grading periods.

<b>Physical Conditioning</b>	<b>0.25 credit</b>
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*One-Semester Course*  
*Prerequisite: None*

The student will learn about and practice an appropriate conditioning regimen. Cardiovascular endurance, muscular strength, muscular endurance, mental conditioning, flexibility, plyometrics and agility will be emphasized. Students participating in competitive athletics and students interested in exploring excellence in physical fitness are advised to consider this course. This course is more physically demanding and challenging than the Lifetime Sports Class.

<b>Lifetime Sports &amp; Activities</b>	<b>0.25 credit</b>
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*One-Semester Course*  
*Prerequisite: None*

This course encompasses a wide range of lifetime activities such as basketball, softball, physical fitness, volleyball, tennis, badminton, team handball, soccer, bowling, billiards and ping pong. Basic skills, teamwork and cooperation will be emphasized. Students will be tested and conditioned to meet standards of the Presidential Physical Fitness Test.



## Language Arts

The basis of the English curriculum consists of four years of required Language Arts courses. All required Language Arts courses award one full credit. Options are designed to accommodate individual goals, post-graduation plans and/or career orientation. Doubling Language Arts courses during the year is not permitted unless the student is qualified for a 12th grade homeroom. Classroom fees to be announced.

### **Language and Literature (Language Arts I, II, III, IV, Advanced or AP Option):**

Advanced work in preparation for college level activities during high school and in preparation for the Advanced Placement examination at the end of the senior year. Criteria: The student must obtain teacher approval prior to enrollment in Advanced courses as well as successfully completing an essay application. The students must be talented in the area of Language Arts, and must be highly motivated. **All students who enroll in Language Arts IV must take the AP Examination.**

### **Composition and Criticism (Language Arts I, II, III, IV College Preparatory Option):**

Preparation for post high school educational pursuits.

<b>Grade Level</b>	<b>Course Title</b>	<b>Credits</b>
9, 10, 11, 12	Language Arts I	1.00
10, 11, 12	Language Arts II	1.00
11, 12	Language Arts III	1.00
12	Language Arts IV	1.00
9, 10, 11, 12	Language Arts I College Prep	1.00
10, 11, 12	Language Arts II College Prep	1.00
11, 12	Language Arts III College Prep	1.00
12	Language Arts IV College Prep	1.00
9, 10, 11, 12	Honors Language Arts I	1.00
10, 11, 12	Honors Language Arts II	1.00
11, 12	Honors Language Arts III	1.00
12	Language Arts IV Advanced Placement	1.00
9,10, 11, 12	Competitive Forensics	0.50
10, 11, 12	Creative Writing	0.50
11, 12	Film as Literature	0.50
9, 10, 11, 12	Introduction to Speech	0.50
9, 10, 11, 12	Introduction to Theater	0.50
9, 10, 11, 12	Nortonian/Torch	1.00
9, 10, 11, 12	Writing for Today's Media	0.50

**Language Arts I****1.00 credit***One-Year Course  
Prerequisite: None*

This course is an introductory, survey course in which students will be given numerous opportunities to work with different forms of literature, examine rhetorical styles, and explore grammatical conventions. The readings for this course consists of dominantly fiction and poetry, with the exception of selected nonfiction texts. Students will also work on advancing their writing abilities through an exploration of the writing process and different forms of writing. Students will prepare for future English class and prepare for the Ohio Graduation Test.

**Language Arts II****1.00 credit***One-Year Course  
Prerequisite: Language Arts I*

The purpose of general language arts at the sophomore level is to develop literacy and language skills while developing structured writing. Students will create essays that are comprehensive, focused and detailed. Students will understand and identify literary elements found in short stories and poems. Students' understanding of novels will surpass simply understanding the plot and will extend to understanding theme, historical aspect and other elements found in the novels. This level of student is intended for students who do not plan to pursue a four-year college education.

**Language Arts I CP****1.00 credit***One-Year Course  
Prerequisite: None*

This course is designed according to the Academic Content Standards for the ninth grade. The purpose of this course is to build on the language arts foundation the student already possesses. This course is intended to give practice in the areas of reading, writing, speaking, listening, and critical thinking skills. Students will be encouraged to become thoughtful readers and writers by using a variety of discourse including class discussion, debate, reflective and critical writing, handouts, exams and electronic media. The goal of this course is to establish reading and writing skills for not only post-secondary course work, but also the real world. The course will focus on the basics in reading and writing and introduce students to the concepts in composition and criticism that will make them more successful.

**Language Arts II CP****1.00 credit***One-Year Course  
Prerequisite: Language Arts I*

This course is designed according to the Academic Content Standards for the tenth grade. The purpose of this course is to develop and build upon the language arts foundation the student already possesses. This course is intended to give practice in the areas of reading, writing, speaking, listening and critical thinking skills. A key goal of the class is to begin developing composition and criticism skills that are needed for post-secondary work. Students will be encouraged to become thoughtful readers and writers by using a variety of discourse including class discussion, debate, reflective and critical writing, handouts, exams and electronic media. The course will also focus on expanding students' critical reading, writing, and analysis skills and to exercise and strengthen understanding and application of literary skills introduced in LA I.

**Honors Language Arts I****1.00 credit***One-Year Course  
Prerequisite: Instructor Approval*

In preparation for post high school education, students will continue to read and to analyze the works of representative masters in poetry, fiction, nonfiction and drama. Furthermore, they will continue to develop skills in grammar, usage and composition. **Instructor approval is required.**

**Honors Language Arts II****1.00 credit***One-Year Course  
Prerequisite: "B-" or better in previous Honors Language Arts course and Instructor approval*

In preparation of post high school education, students will continue to read and to analyze the works of representative masters in poetry, fiction, nonfiction and drama. Furthermore, they will continue to develop skills in grammar, usage and composition. **Instructor approval required.**

**Language Arts III****1.00 credit***One-Year Course**Prerequisite: Language Arts II*

The purpose of LA III is to explore the American Literature curriculum mandated by the Norton City School District and by the State of Ohio. Students will develop writing, speaking and listening, and language skills while preparing for alternative education after high school. Specifically, students will express themselves in a variety of mediums including speech, poetry, creative, analytical and workplace writings.

**Language Arts IV****1.00 credit***One-Year Course**Prerequisite: Language Arts III*

This course is a British literature and composition course. Students will demonstrate the ability to recall, discuss, assess and categorize British literature, its indications of British history and culture, its revelations of British language traditions, and its various representative authors. Students will demonstrate the ability to create, organize and revise effective multi-paragraph compositions.

**Language Arts III CP****1.00 credit***One-Year Course**Prerequisite: Language Arts II*

This course is primarily a survey of the American Literature Anthology. Students are assigned the works of representative authors from the various units in the cultural history of the United States. Students are expected to recognize the traditional themes in the American experience and the growth of the American literary art forms. Reading comprehension, word attack, genre recognition and literary criticism are on a level to prepare for literature and fine arts study in higher education. The course work includes: short fiction, poetry, non-fiction essay, two major plays and four novels. This course completes the survey of English language and composition fundamentals in high school which include descriptive grammar, usage practices and mechanics, and the fundamentals of good sentences, paragraphs, and multi-paragraph essays. The coursework includes work in video learning and information literacy.

**Language Arts IV CP****1.00 credit***One-Year Course**Prerequisite: Language Arts III*

This course emphasizes becoming prepared for a college-level course. Students study British literature as a reflection of the social and political atmosphere in different time periods in England. Students must also complete a researched argument paper with emphasis on learning the process of completing a college-level work in addition to understanding credible research and sources. Another shorter paper is assigned in the spring that concentrates on analyzing a British literary work.

**Honors Language Arts III****1.00 credit***One-Year Course**Prerequisite: "B-" or better in previous Honors Language Arts class and Instructor approval*

This is an introductory college course in which the students will be given numerous opportunities to work with rhetorical situations, examine the authors' purposes and "emphasize the expository, analytical, and argumentative writing that forms the basis of academic and professional communication." The readings for this course consists of dominantly nonfiction texts, with the exception of major American authors, who are used to enhance comprehension of analytical study and rhetorical strategies. The course is organized around thematic units, each dealing with nonfiction and fictional texts, allowing for analysis of authors' purpose, rhetorical strategies and authors' biases. It is important for this course that the reading selections provide models of required writing and strategies. **Instructor approval required.**

**Language Arts IV AP****1.00 credit***One-Year Course**Fee: Required (AP Exam Fee)**Prerequisite: "B-" or better in previous Language Arts class and Instructor Approval*

This Advanced Placement Literature and Writing course follows the curricular requirements described in the *AP English Course Description*. Students will demonstrate the ability to create, organize and revise effective explanatory and evaluative multi-paragraph compositions, including a research paper using MLA guidelines. Multiple in-class and out-of-class compositions are required. In addition to the composition aspect of the course, AP LA IV is a survey of British Literature, history and language traditions. At the end of the course, students are required to take the AP English Literature Test. The AP test fee is \$40.00. **Instructor approved required.**

**Competitive Forensics****0.50 credit***One-Semester Course**Prerequisite: None*

Competitive Forensics is a performance class that will prepare students for competitive speech/debate events, public speaking, and oral interpretation. Students will refine arguments, speeches, and acting skills through participation in events Public Forum Debate, Lincoln Douglas Debate, Student Congress, Prose and Poetry, Oral Interpretation (humorous, dramatic, duo), oratory, and extemporaneous speaking. This course recommends tournament participation at local schools.

**Creative Writing****0.50 credit***One-Semester Course**Prerequisite: Language Arts I*

Students will study short stories, poems, and one-act plays. The course provides students the opportunity for original composition. Emphasis will be placed on creativity and originality rather than mechanics. Students will be expected to share much of their work with the class. This class will also prepare and publish the Literary Journal.

**Film as Literature****0.50 credit***One-Semester Course**Prerequisite: Successful completion of Language Arts I & II; parental consent*

This is a semester-length, one-half credit course designed to apply State of Ohio Content Standards in reading, writing, visual, and oral communication by discussing, evaluating, analyzing, and synthesizing pertinent literary genres on film. Writing, researching, and critical-thinking skills will be stressed through the study of short stories, poetry, drama, novels, documentaries, and epics on film. Students are expected to have a good attendance record, above-average reading comprehension skills, and high-quality writing skills. Because some of the films may be rated "R," this class is limited to junior and seniors only. Also, if students are under the age of 18, parental consent is necessary.

**Introduction to Speech****1.00 credit***One-Semester Course**Prerequisite: None*

This course allows students to participate in a variety of formal/informal speaking situations and non-verbal activities to better understand and appreciate the communication process. Emphasis is placed upon building self-confidence and developing effective speaking and listening skills. Activities include: interviews, group discussions, problem-solving, non-verbal exercises, use of mass media techniques and a variety of speeches. Highly recommended for college-bound students.

**Introduction to Theater****1.00 credit***One-Semester Course**Prerequisite: None*

This course is an elective course for students who desire to learn more about theater as both a fine art and a literary genre. Students will study all aspects of theater art and production. Activities involve both theory and practice. The course includes the study and criticism of drama selections and theater history. Students will have the opportunity for exercises in acting and design.

**Nortonian/Torch****1.00 credit***One-year Course**Prerequisite: Teacher recommendation; application*

Students with an interest and talent in marketing, photography, writing, graphic design and just overall representing Norton High School should apply for a spot on yearbook/newspaper staff. The two courses have merged and all students on the staff will contribute to the yearbook and online newspaper. Selling ads is a mandatory part of the program, but we work together as a team to make sure you meet your goals. Students must apply to be accepted into the program. Acceptance depends upon three things: your work ethic in your college prep or advanced Language Arts class, teacher recommendation and adviser approval. Being part of high school journalism is a great boost for college applications.

**Writing for Today's Media****0.50 credit***One-Year Course**Prerequisite: Application Approval; Teacher Recommendation*

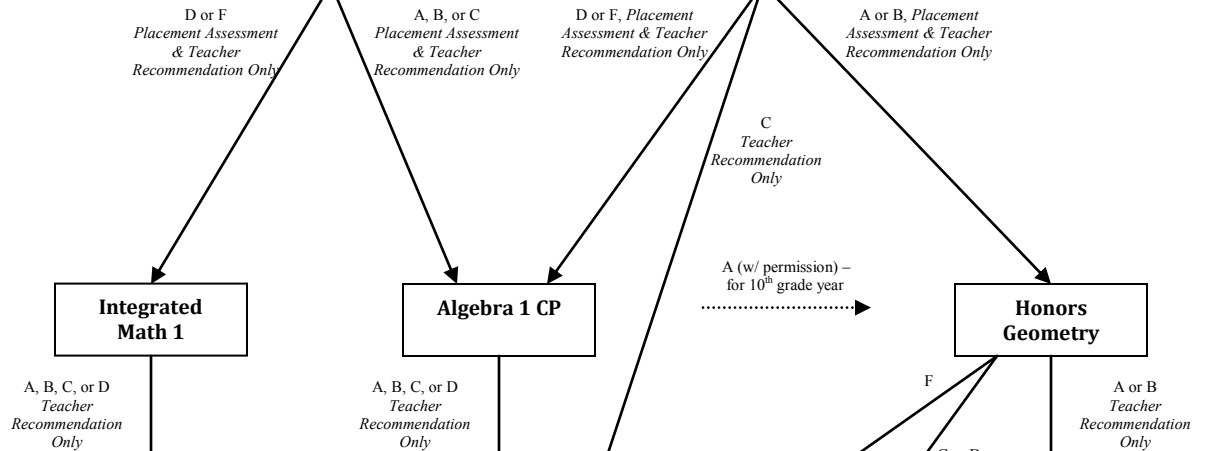
Students will explore the tools it takes to become a journalist, from the basics of reporting, interviewing and photography skills, to creating a blog. Along the way, students will learn to use social media to promote writing. Students' news writing and/or featured articles may be published in the school's online newspaper, *The Torch*, and/or in the school's yearbook, *The Nortonian*. Students will have a basic understanding of the First Amendment and journalism law, as well as an understanding of ethical decision-making skills that are necessary to determine newsworthiness. This is a writing-intensive course designed to prepare students for career and college-ready writing and evaluative skills.

# Norton High School Mathematics Sequencing

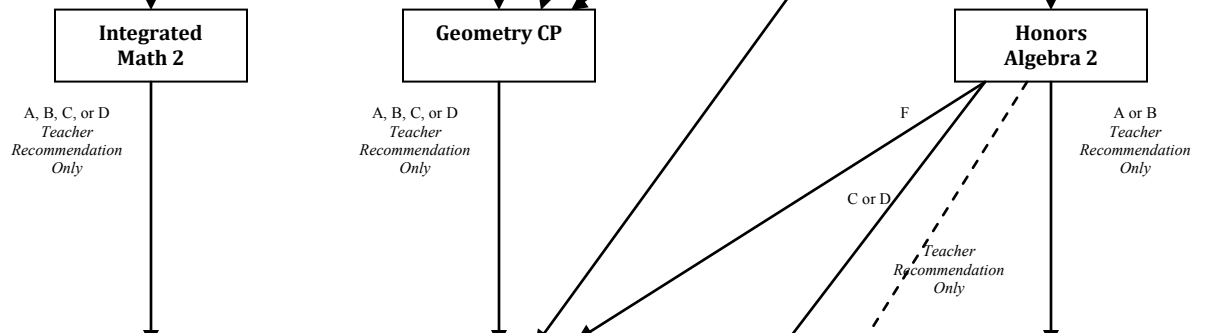
## 8th Grade



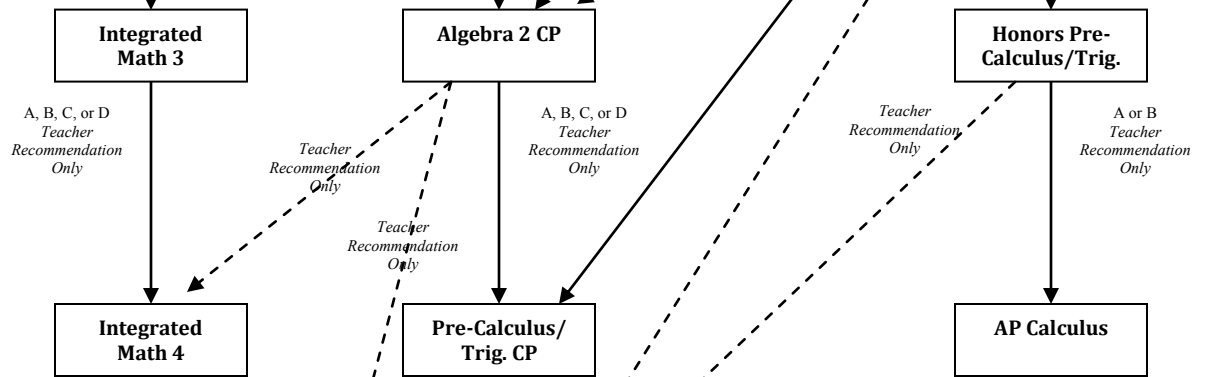
## 9th Grade



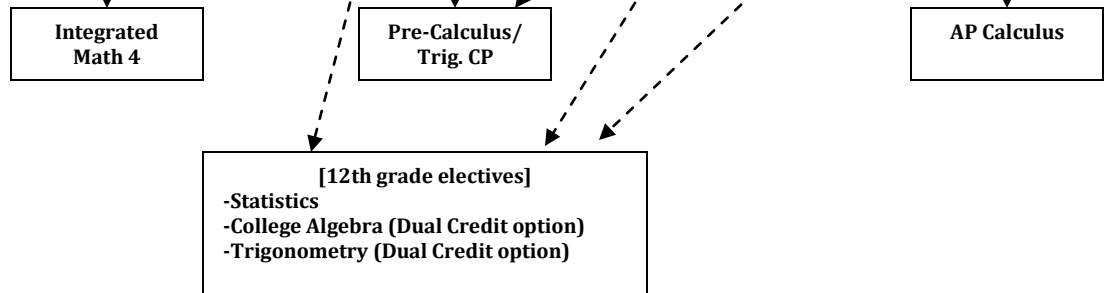
## 10th Grade



## 11th Grade



## 12th Grade



## MATHEMATICS

Grade Level	Course Title	Credits
09, 10, 11, 12	Integrated Math 1	1.00
10, 11, 12	Integrated Math 2	1.00
11, 12	Integrated Math 3	1.00
12	Integrated Math 4	1.00
09, 10, 11, 12	Algebra 1 CP	1.00
09, 10, 11, 12	Geometry CP	1.00
09, 10, 11, 12	Honors Geometry	1.00
10, 11, 12	Algebra 2 CP	1.00
10, 11, 12	Honors Algebra 2	1.00
11, 12	Pre-Calculus/Trigonometry CP	1.00
11, 12	Honors Pre-Calculus/Trigonometry	1.00
12	AP Calculus	1.00
12	Statistics	1.00
12	College Algebra (*Dual Credit option)	0.80
12	Trigonometry (*Dual Credit option)	0.80

### Integrated Math 1

**1.00 credit**

*One-Year Course*

*Prerequisites:* *Connected Mathematics, Course Placement Assessment, **and** Teacher Recommendation*

*Materials:* *Scientific Calculator (TI-30XIIs is preferred)*

Integrated Math 1 is designed to formalize and extend the mathematics that students learned in middle school. Students will deepen and extend their understanding of linear relationships by contrasting with them with exponential phenomena and by applying linear models to data that exhibit a linear trend. Students will use properties and theorems involving congruent figures to deepen and extend understanding of geometric knowledge. Integrated Math 1 ties together algebraic and geometric ideas. While applying the Mathematical Practice Standards and individual standards from the Ohio Common Core State Standards for Mathematics, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

### Integrated Math 2

**1.00 credit**

*One-Year Course*

*Prerequisites:* *Completion of Integrated Math 1 with a grade of "D-" or better **and** Teacher Recommendation*

*Materials:* *Scientific Calculator (TI-30XIIs is preferred)*

Integrated Math 2 focuses primarily on quadratic expressions, equations, and functions; comparing their characteristics and behavior to those of linear and exponential relationships from Integrated Math 1. Students will also extend the set of rational numbers and will study real and complex numbers so that all quadratics can be solved. Probability and data is explored through conditional probability and counting methods. Students will also study similarity, right triangle trigonometry, and the Pythagorean relationships. Circles and their quadratic algebraic representations are also studied in Integrated Math 2. While applying the Mathematical Practice Standards and individual standards from the Ohio Common Core State Standards for Mathematics, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Integrated Math 3****1.00 credit***One-Year Course*

*Prerequisites:* Completion of Integrated Math 2 with a grade of "D-" or better **and** Teacher Recommendation

*Materials:* Graphing Calculator  
(TI-84 is preferred)

Integrated Math 3 will allow students to pull together and apply the accumulation of learning that they studied in the previous Integrated Math courses. Probability and statistics are studied to draw inferences and conclusions from data. Students expand their repertoire of functions to include polynomial, rational, and radical functions. Right triangle trigonometry is expanded to include general triangles. Students will use their knowledge of functions and geometry to create models and solve contextual problems. While applying the Mathematical Practice Standards and individual standards from the Ohio Common Core State Standards for Mathematics, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Algebra 1 CP****1.00 credit***One-Year Course*

*Prerequisites:* Completion of Connected Mathematics with a "C-" or better or completion of Honors Algebra 1 (in 8<sup>th</sup> grade) with a "D+" or lower, Course Placement Assessment, **and** Teacher Recommendation. Please Note: High School credit for Honors Algebra 1 (taken as an 8<sup>th</sup> grade student) will be awarded only to students earning a "C-" or better.

*Materials:* Scientific Calculator  
(TI-30XIIs is preferred)

Algebra 1 CP is designed to formalize and extend the mathematics that students learned in middle school. Students will deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit linear trend. Students will engage in methods for analyzing, solving, and using quadratic functions. While applying the Mathematical Practice Standards and individual standards from the Ohio Common Core State Standards for Mathematics, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Integrated Math 4****1.00 credit***One-Year Course*

*Prerequisites:* Teacher Recommendation  
*Materials:* Scientific or Graphing Calculator  
(TI-30XIIs or TI-84 is preferred)

Integrated Math 4 finalizes the Integrated Math series at Norton High School. This course is designed to extend and reinforce the mathematical and problem solving skills for every day living. A real-world approach will be taken as students explore everyday uses of mathematics, including but not limited to financial literacy, business math, carpentry math, etc. While applying the Mathematical Practice Standards and individual standards from the Ohio Common Core State Standards for Mathematics, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Geometry CP****1.00 credit***One-Year Course*

*Prerequisites:* Completion of Algebra 1 CP with a "D-" or better or completion of Honors Algebra 1 (in 8<sup>th</sup> grade) with a "C+, C, or C-", or unsuccessful attempt of Honors Geometry with a grade of "F," **and** Teacher Recommendation. Please Note: High School credit for Honors Algebra 1 (taken as an 8<sup>th</sup> grade student) will be awarded only to students earning a "C-" or better.

*Materials:* Scientific Calculator  
(TI-30XIIs is preferred)

Geometry CP is designed to formalize and extend students' geometric experience from middle school. Students will explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards for mathematical arguments. Students will use congruence criteria to prove theorems and apply reasoning to complete and explain geometric constructions. Similarity will also be studied in triangles to help develop the Laws of Sine and Cosine. Students will work with two-dimensional and three-dimensional objects and apply their geometric properties to find circumference/perimeter, area, and volume. Special right triangles and circles will be studied to help make connections to material learned in Algebra 1 CP and that will apply to Algebra 2 CP. Finally students will expand their ability to compute and interpret theoretical and experimental probabilities for a variety of events. Students will use probability to make informed decisions. While applying the Mathematical Practice Standards and individual standards from the Ohio Common Core State Standards for Mathematics, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Honors Geometry****1.00 credit***One-Year Course*

*Prerequisites:* Completion of Honors Algebra 1 with a "B-" **and** Teacher Recommendation. Please Note: High School credit for Honors Algebra 1 (taken as an 8<sup>th</sup> grade student) will be awarded only to students earning a "C-" or better.

*Materials:* Scientific Calculator  
(TI-30XII is preferred)

Honors Geometry parallels Geometry CP; however, a more ambitious approach is taken. While the same content is taught as in Geometry CP, this course is taught in greater depth and at a faster pace.

**Algebra 2 CP****1.00 credit***One-Year Course*

*Prerequisites:* Completion of Algebra 1 CP and Geometry CP with a "D-" or better or completion of Honors Geometry with a "D- through C+" or unsuccessful attempt of Honors Algebra 2 with a grade of "F," **and** Teacher Recommendation.

*Materials:* Graphing Calculator  
(TI-84 is preferred)

Algebra 2 CP will extend students' work with linear, quadratic, and exponential functions. Students will also extend their repertoire of functions to include polynomial, rational, and radical functions. Students will work closely with the expressions that define the functions and continue to expand their abilities to model situations and solve equations, including solving quadratic equations over a set of complex numbers and solving exponential equations using the properties of logarithms. While applying the Mathematical Practice Standards and individual standards from the Ohio Common Core State Standards for Mathematics, students will experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

**Honors Algebra 2****1.00 credit***One-Year Course*

*Prerequisites:* Completion of Honors Algebra 1 and Honors Geometry with a "B-" or better **and** Teacher Recommendation.

*Materials:* Graphing Calculator  
(TI-84 is preferred)

Honors Algebra 2 parallels Algebra 2 CP; however, a more ambitious approach is taken. While the same content is taught as in Algebra 2 CP, this course is taught in greater depth and at a faster pace.

**Pre-Calculus/Trigonometry CP****1.00 credit***One Year Course*

*Prerequisite:* Completion of Algebra 2 CP with a grade of "C-" or better OR completion of Honors Algebra 2 with a grade of "D- through C+"

*Materials:* Graphing Calculator  
(TI-84 is preferred)

This course covers numbers, relations, functions, trigonometric functions and their graphs, sequences and series, limits, limit of a function at a point, the exponential and logarithmic functions, inflection points, concavity, curve fitting, maxima and minima applications, and the conic sections.

**Honors Pre-Calculus/Trigonometry CP****1.00 credit***One Year Course*

*Prerequisite:* Completion of Honors Algebra 2 with a grade of "B-" or better **and** Teacher Recommendation

*Materials:* Graphing Calculator  
(TI-84 is preferred)

This course parallels Pre-Calculus/Trigonometry CP but in greater depth and at a faster pace. Additional topics may be covered. This Course covers numbers, relations, functions, trigonometric functions and their graphs, sequences and series, limits, limit of a function at a point, the exponential and logarithmic functions, inflection points, concavity, curve fitting, maxima and



**AP Calculus****1.00 credit***One Year Course*

*Fee:* Required (AP Exam cost)  
*Prerequisite:* Completion of Honors Pre-Calculus/Trigonometry with a grade of "B-" or better **and** Teacher Recommendation.  
*Materials:* Graphing Calculator (TI-84 is preferred)

This course is concerned with developing students' understanding of the concepts of calculus and providing experience with its methods and applications. This course is presented in unifying themes of derivatives, integrals, limits, approximations, applications and modeling with student results being expressed geometrically, numerically, analytically and verbally. The course syllabus is the AB course for the Advanced Placement Calculus program (AP Calculus) approved by the College Board. For the AP Calculus course, college credit may be obtained through AP Math testing in May. Use of graphing calculators is required.

**Statistics****1.00 credit***One-Year Course*

*Prerequisites:* Completion of Algebra 2 CP, Honors Algebra 2, or Honors Pre-Calculus with a grade of "D-" or better  
*\*This course may be taken concurrently with another math course (Pre-Calculus/Trigonometry CP, AP Calculus) during the senior year.*  
*Materials:* Graphing Calculator (TI-84 is preferred)

This course is highly recommended for any student interested in a career in business, psychology, law, teaching, medical fields, research or the sciences. Statistics is the science research and data. Topics include: organizing data, experimental design, simulation, probability, basic linear regression, and hypothesis testing.

**Trigonometry****0.80 credit***One Semester Course*

*\*Dual Credit option*  
*Prerequisite:* Students must meet PSEO requirements. Completion of Algebra 2 CP, Honors Algebra 2, or Honors Pre-Calculus with a grade of "C" or better.  
*\*This course may be taken concurrently with another math course (Pre-Calculus/Trigonometry CP, AP Calculus) during the senior year.*  
*\*\* A College-Preparatory student must take this course AND College Algebra (Dual Credit) to fulfill requirements for graduation unless the student is also taking Statistics or Pre-Calculus. An honors student who currently has four high school math credits may take this course as an elective.*

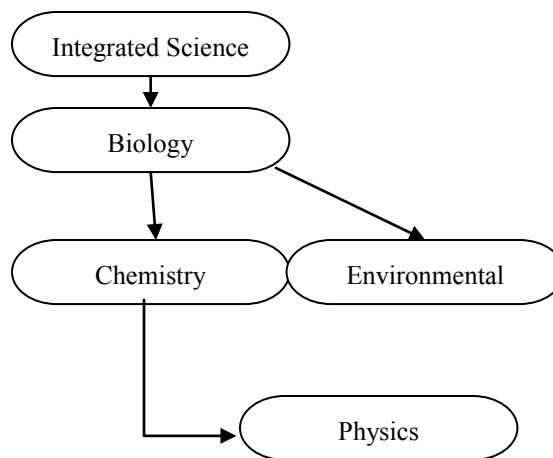
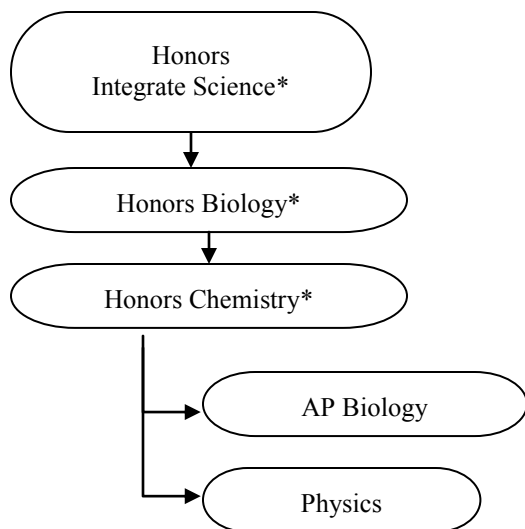
**College Algebra****0.80 credit***One Semester Course*

*\*Dual Credit option*  
*Prerequisite:* Students must meet PSEO requirements. Completion of Algebra 2 CP, Honors Algebra 2, or Honors Pre-Calculus with a grade of "C" or better.  
*\*This course may be taken concurrently with another math course (Pre-Calculus/Trigonometry CP, AP Calculus) during the senior year.*  
*\*\* A College-Preparatory student must take this course AND Trigonometry (Dual Credit) to fulfill requirements for graduation unless the student is also taking Statistics or Pre-Calculus. An honors student who currently has four high school math credits may take this course as an elective.*

Study of linear, quadratic and absolute value equations and inequalities, graphs of elementary functions and non-functions, graphing of polynomial and rational functions, zeros of polynomial functions including the Fundamental Theorem of Algebra, exponential and logarithmic functions including graphs and applications, conic sections, systems or equations using matrices and determinants, matrix algebra and partial fraction decomposition. A TI-84 graphing calculator is required for this course.

## SCIENCE

Grade Level	Course Title	Credits
11, 12	Anatomy & Physiology	1.00
10, 11, 12	Biology	1.00
10, 11, 12	Chemistry	1.0
11, 12	Environmental Science	1.00
11, 12	AP Biology	1.00
9, 10, 11, 12	Honors Biology	1.00
10, 11, 12	Honors Chemistry	1.00
9, 10, 11, 12	Honors Integrated Science	1.00
9, 10, 11, 12	Integrated Science	1.00
12	Physics	1.00



**Biology** **1.00 credit**

*One Year Course*

*Prerequisite: Successful completion of Integrated Science*

This course will develop students' laboratory skills, including the use of the microscope and dissecting equipment. This course will also strengthen their understanding of the scientific method which involves the use of problem solving skills and critical thinking. The content of the course includes the study of ecology, the cell, genetics, classification, evolution and the animal kingdom.

**Chemistry** **1.00 credit**

*One-Year Course*

*Prerequisite: Algebra I*

*Corequisite: Algebra II*

The course is designed for the college preparatory student. It is valuable for those students pursuing a career in any medical or engineering field, or any pure-applied science. This course will expose the student to chemical theory, applications and essential mathematics related to chemistry. Laboratory experience will stress the use of equipment, lab techniques, computer applications and safety.

**Environmental Science****1.00 credit***One-Year Course**Prerequisite: Integrated Science and Biology*

*NOTE: Although this course satisfies the graduation requirements for a third science credit, it does not qualify as a college prep course*

This course is designed as a general introduction to world environmental problems. The topics to be studied include: major ecosystems, air pollution, energy needs, nuclear power, hazardous wastes, problems of population growth, world hunger, extinction of life forms, ethical issues and the social and political implications of new technologies.

**AP Biology****1.00 credit***One-Year Course**Fee: Required (AP Exam cost)**Prerequisites: B or higher in Honors Integrated Science, Honors Biology, and Honors Chemistry*

*AP Biology is equivalent to a two-semester introductory college Biology course. This course is similar to the sophomore biology course in content covering such topics as cytology, genetics, evolution, microbiology and ecology; however, the topics will be covered in greater depth. There is an added dimension to the AP course which entails the study of animal anatomy and physiology. Laboratory investigations will be a large part of the curriculum. Greater amounts of time and effort are expected on the part of the student. All students are required to take the AP Biology exam at the end of the course.*

**Anatomy & Physiology****1.00 credit***One-Year Course**Prerequisite: Passage of OGT Science and an "A" average in all previous science classes.*

This class is for Athletic Health Care students with limited space for students outside the program. This class is an introduction to gross anatomy and physiology. Students will be using college level textbooks and workbooks. All systems of the body will be introduced. In depth coverage of the body orientation, bio-chemistry, cells and tissue structure and physiology, skin and membranes, skeletal system, muscular system, and the nervous system.

**Honors Biology****1.00 credit***One-Year Course**Prerequisites: "B" or better in Honors Physical Science and teacher recommendation*

Honors Biology is a college preparatory course. Life is examined at the molecular level by looking at life processes: chemistry, biochemistry, cells, DNA, cell division, genetics and cell energy systems. Life is also examined as a connected system by looking at the following concepts: evolution, population dynamics, and taxonomy. All students will also receive an understanding of anatomy and physiology by participating in an animal dissection. All topics will receive a more in depth treatment than in biology. Grading standards and testing standards will also be more demanding.

**Honors Chemistry****1.00 credit***One-Year Course**Prerequisite: "B" or better in Honors Biology and teacher recommendation**Corequisite: Honors Algebra II*

Honors Chemistry is an advanced curriculum for students who intend to pursue a career in any medical, engineering, science, or technological field. This is an accelerated course and requires higher math skills.

**Honors Integrated Science****1.00 credit***One Year Course**Prerequisite: "B+" or higher in 8th grade science course*

This is a physical science course that contributes to the Ohio Graduation Test and develops standards-based knowledge and skills. Course includes an in-depth study of atoms, chemical reactions, physical properties, mixtures and solutions, laws of motion, forces, energy, earth and space, historical perspectives and emerging issues. This course involves lecture, lab work, computer work, other assorted activities and projects to be completed outside of school. The course involves a considerable amount of Algebra to complete the homework and scientific formulas.

**Integrated Science****1.00 credit***One Semester Course**Prerequisite: None*

This is a physical science course that contributes to the Ohio Graduation Test and develops standards-based knowledge and skills. Course includes the study of atoms, chemical reactions, physical properties, mixtures and solutions, laws of motion, forces, energy, historical perspectives and emerging issues; review of processes within and on the Earth; the relationship between technology and science, and the diversity of scientific investigations, scientific theories, and scientific literacy.

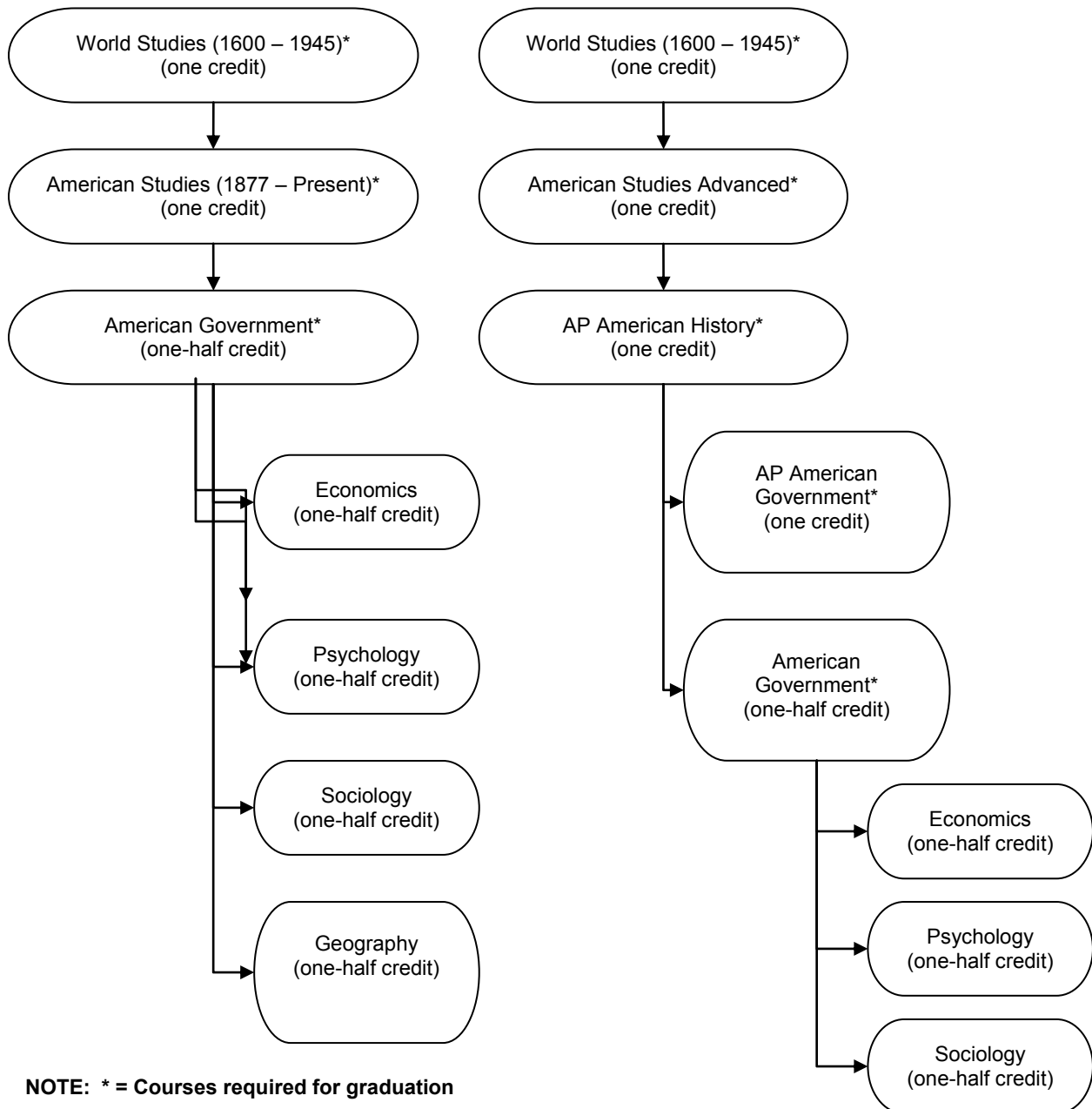
**Chemistry****1.00 credit***One Year Course**Prerequisite: Algebra II, Chemistry with a grade of "B" or better*

Measurement of physical principles is stressed. Concepts about forces, motion, work, power, energy, levers and simple machines are studied in the first semester. Heat, light, sound and electricity are studied in the second semester. This is a highly problem-solving oriented class with formulas used throughout. Experiments are done in the laboratory to reinforce and to augment classroom instruction. One engineering project is designed and constructed each marking period.

## SOCIAL STUDIES

Grade Level	Course Title	Credits
10 (Advanced), 11, 12	American Government	0.50
10, 11, 12	AP American Government	1.00
11, 12	AP American History	1.00
10	American Studies (1877 – Present)	1.00
10	American Studies (1877 – Present) Advanced	1.00
11, 12	Economics	0.50
12	Psychology	0.50
12	Sociology	0.50
11, 12	U.S. History to 1877 DC	0.80
11, 12	Geography	0.50
9	World Studies (1600 – 1945)	1.00

### Social Studies Course Flow Chart



## Social Studies Course Flow Chart Information

Social Studies credits required for graduation: **3**

- World Studies (9th)
- American Studies (10th)
- American Government (semester course) and one social studies elective (semester course) or AP American Government (full year course).

### General Program Course Progression

**Grade 9:** World Studies 1600-1945

This course is the introductory social studies course at Norton High School, and is a requirement for graduation. All grade nine students will take World Studies. The course is closely aligned with the State of Ohio standards and benchmarks, and is a key preparatory class for the Ohio Graduation Test. It offers a chronological study of key developments in world history beginning with the Age of Enlightenment and extending through World War II.

**Grade 10:** American Studies 1877-Present

The American Studies course is the second key preparatory class offered at Norton High School for the Ohio Graduation Test. It is taken by all sophomores and also is a requirement for graduation. The course offers an examination of key historical, political, social and economic developments in American history from the Post-Reconstruction Era through the 1960s and 1970s.

**Grades 11 and 12:** American Government, in combination with one elective (US/World Studies 1945-present, Economics, Psychology, Sociology, U.S. History to 1877 DC)

Grades 11 and 12 provide two full years for students to earn the final social studies graduation credit. American Government is the final required course in the social studies curriculum; however, since it is only a semester in length, an additional elective will also need to be completed to fill the three credit social studies graduation requirement. Any of the elective courses listed above will be sufficient to complete the elective requirement.

### Advanced Program Course Progression

Prospective advanced program students and their parents need to understand the opportunities that exist with Advanced Placement (AP) courses. In social studies, AP American History and AP Government (as well as AP courses in other departments) offer the opportunity to earn college credit while still in high school. AP is a national program sponsored by the College Board. You may be familiar with the College Board as the sponsor of the SAT test, one of the most recognized college entrance exams in the country. Each spring, students take a national exam in each offered course, and upon successful passage of the exam, students **may** earn credits at the college of their choice. Not every college and university accepts AP scores for credit, but many do. However, for those that do accept AP scores, hundreds or even thousands of dollars in college tuition costs can be saved. Norton students will pay one-half the cost of the AP American History exam.

Understand that each AP course is really a college level class taught in high school. The work load and performance expectations are set well above those of a general high school course. Therefore, the challenge for the student is to prepare to demonstrate his/her understanding of the course's content in the format established by the College Board. That format is the national exam. Also understand that any student is eligible to take any AP course or take any AP test. No age restrictions exist.

The suggested progression of courses in the advanced program is arranged to offer the student the maximum opportunity to succeed on AP exams. The advanced progression is listed below.

**Grade 9:** World Studies 1600-1945

**Grade 10:** American Studies 1877-Present Advanced

It is recommended that students considering the advanced program take American Studies Advanced prior to taking AP American History. This course is taught like the AP American History course. The thorough examination of historical content, the emphasis on historical writing, and the quick pace are consistent between the two courses. Because students are expected to be familiar with all of American history from the *Time of Discovery* to the present by exam time, dividing the content into two courses has allowed the students a much better opportunity to prepare. Thus, taking the American Studies Advanced course before AP American History is highly recommended.

**Grade 11:** AP American History

**Grade 12:** American Government (semester course) or AP American Government

**American Government 0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

American Government includes an analysis of the U.S. Constitution, citizen rights and responsibilities, an examination of politics and political parties, the Congress, the Presidency, and the Judicial System. In addition to providing students with a fundamental knowledge of the U.S. Governmental system, an objective is to help students become active citizens.

**AP American Government 1.00 credit**

*One-Year Course (requires advanced level track of courses)*  
*Fee: Required (AP Exam cost)*  
*Prerequisite: Grade of "B" or better in all previous Social Studies courses taken and 2 teacher recommendations.*

AP Government is college level in nature, scope and intensity of instruction, textual materials and reading assignments. This course is designed for the student who desires an intellectual challenge in the study of government. It ultimately prepares students for the College Board examinations. Areas of study include: Constitutional foundations, political philosophy, political groups, processes of national, state and local governments, civil rights and liberties, federalism, and branches of government. Summer reading may be assigned.

**AP American History 1.00 credit**

*One-Year Course (requires advanced level track of courses)*  
*Fee: Required (AP Exam cost)*  
*Prerequisite: Advanced American Studies & 2 Teacher recommendations*

A college-level course with college-level expectations, requiring in-depth knowledge of American History and essay writing. Students in this program are expected to take the Advanced Placement Test that may result in credits at some universities--credits that can be used upon entrance to the university of their choice.

**American Studies 1877 - Present 1.00 credit**

*One-Year Course*  
*Prerequisite: None*

American Studies 1877 - Present is the study of progress in the United States beginning with Post-Reconstruction through the end of the Cold War. Topics include: Industrialization, the Constitution as a Living Document, World War I, The Great Depression, World War II, Comparative Economics, Civil Rights, and the Cold War.

**Honors American Studies 1877 - Present 1.00 credit**

*One-Year Course*  
*Prerequisite: Teacher recommendation*

The advanced course is taught in a manner consistent with the AP American History course as it is designed to be an introduction to the AP course. American Global Studies 1877 - Present is the study of progress in the United States beginning with Post-Reconstruction through the end of the Cold War. Topics include: Industrialization, the Constitution as a Living Document, World War I, The Great Depression, World War II, Comparative Economics, Civil Rights, and the Cold War.

**Economics 0.50 credit**

*One-Semester Course*  
*Prerequisite: None*

This course is designed to introduce students to the basic principles of Economics. Basic concepts of both macro/economics and micro/economics will be included. Tentative topics include, but are not limited to: supply and demand, scarcity, consumer choice, operations of companies, product cost and pricing, the stock market, competition and monopoly, monetary policy, inflation and unemployment, income and spending, wages and poverty, and inequality and discrimination.

**Psychology****0.50 credit***One-Semester Course**Prerequisite: None*

A general introduction to the major areas of study in psychology; personality, emotions, human relationships, human behavior and learning, mental breakdown, and perception. This is an excellent preparation for general psychology courses often required in many college majors. The course is taught in such a way that class participation and discussion are of major importance. Many students find this helps them understand themselves and other people.

**Geography****0.50 credit***One-Semester Course**Prerequisite: None*

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

**Sociology****0.50 credit***One-Semester Course**Prerequisite: None*

Designed to help the students understand their social environment by observing the views and opinions of other people. Students taking this course should possess an interest in expressing their feelings, thoughts and ideas through class discussion. Areas covered include: relating to and sharing with other people, planning your future, family life, the teenager in today's society, and a person's self-image.

**World Studies 1600-1945****1.00 credit***One-Year Course**Prerequisite: None*

World Studies is a study of the progress of humankind through the ages beginning with the Renaissance and the Reformation including: the Scientific Revolution, The Enlightenment Period, the Development of England, the Development of France, the Industrial Revolution, the Development of Russia and World Wars I and II.

**U.S. History to 1877 DC****0.80 credit***One-Semester Course**Prerequisite: Students must meet PSEO requirements.*



## Career/Tech Programs - (Applied Sciences and Technology)

Grade Level	Course Title	Program School	Credits
11, 12	Advancement to Nursing	Barberton	3.00 per year
11, 12	Athletic Health Care	Norton	3.00 per year
11, 12	Automotive Technologies	Wadsworth	3.00 per year
11	Business Management Technology	Barberton	2.00
12	Career Based Intervention (CBI)	Norton	3.50
11, 12	Carpentry	Wadsworth	3.50 per year
11, 12	Chef Preparation and Hospitality Management	Copley	3.00 per year
11, 12	CISCO/A+	Barberton	3.00 per year
11, 12	Cosmetology	Barberton	4.50 per year
11, 12	Criminal Science Technology	Barberton	3.00 year one 4.00 year two
11, 12	Engineering Design and Technology	Wadsworth	3.00 per year
11, 12	Machine Technology	Barberton	3.00 per year
11, 12	Masonry/Building Trades	Norton	3.00 per year
11, 12	Media Communications	Wadsworth	3.00 per year
11, 12	Medical Assisting	Wadsworth	3.00 per year
11, 12	Web Programming and Design	Wadsworth	3.00 per year

**Advancement to Nursing      3.00 credits**

*Two-Year Course*

*Fee: To be determined*

*Prerequisite: 3.0 GPA & Interview*

This course prepares student to enter college to pursue a four-year Bachelor of Science in Nursing. The curriculum includes: anatomy and physiology (taught at Barberton High School), diseases and disorders, communication/technology, organizational systems, employability skills, legal practices, ethics, safety practices, teamwork, health maintenance for the provider, and health maintenance for the individual community (taught at Barberton Citizens Hospital). Students will earn certification in first-aid, CPR and STNA. The objective of this program is to provide a pathway directly from high school to the college four-year nursing program. Typical entry-level positions would include home health aide and state tested nursing assistants.

**Athletic Health Care      3.00 credits**

*Two-Year Course*

*Fee: Junior Year - \$115.00; Senior Year - \$115.00*

*Prerequisite: Counselor Approval, must have passed the Science section of the Ohio Graduation Test, and completion of Algebra I and Biology and minimum 2.5 GPA*

A combination of academic course work and laboratory activities and/or supervised clinical work experiences (during the senior year) designed to prepare students for careers in athletic training and sports medicine. Course content includes: nutrition, medical terminology, anatomy and physiology (which also counts as a science credit), exercise physiology, first aid and safety, CPR, psychology and exercise techniques. Individuals may be immediately employed in health spas, fitness centers or sporting facilities, or enroll in college in athletic training, sports medicine, physical therapy assisting, physical therapy or teaching physical education.

\*Students have the opportunity to earn 7 college credits by completing university testing and both years of the program.

**\*\*\*Anatomy and Physiology:** This is a one credit science component of the program. See course description in the Science section of curriculum guide.

**Automotive Technologies      3.00 credits**

*Two-Year Course*

*Fee: Tools (List will be furnished to parents)*

This Auto Service Excellence (ASE) certified program includes diagnosing, adjusting, repairing and replacing mechanical and electrical parts of an automobile. Students use computerized diagnostic equipment as well as traditional tools. Second year students with the required grade point average may attend Stark State Automotive Technology Program and be in tech prep at the high school program.

**Career Based Instruction (CBI) 3.50 credits**

*One -Year Course*

*Fee: \$50.00*

*Prerequisite: Counselor approval, transportation and **must have a valid driver's license***

The two periods of related class reinforces life skills, academic support, state OGT testing, career exploration, and "hands-on" learning. This program encourages "school-to-work" decisions, including college, 2-year technical, military, and/or specific career-tech training. The lab portion required paid or unpaid work and/or volunteer career activities. The teacher/coordinator assists students to find a job station that fits each student's needs, talents and career interests. Transportation to the job/volunteer site is the student's responsibility.

**Business Management Technology  
2.00 credits**

*One-Year Course*

*Fee: \$70 .00*

*Prerequisite: Counselor approval*

The Business Management Technology Program includes in-school and on-the-job training designed to prepare students for entry-level business positions. Subject matter and learning activities are concerned with the basic principles and procedures of communications, office and software technology, financial functions, records management, support tasks, professionalism, and employability skills. Developing and using critical thinking skills to make wise decisions is an integral part of classroom instruction, laboratory learning activities, and the on-the-job experience. Students who are interested in pursuing employment, or in pursuing further education leading to employment in business, may enroll.

**Carpentry      3.50 credits**

*Two-Year Course*

*Fee: Tools (List will be furnished to parents)*

*Prerequisite: Counselor Approval*

In the 11th grade, students are taught carpentry and the use of tools, such as a table saw, radial arm saw, drills, saber saw, and sander. These are used to build various storage units and other small building projects. This program leads into the actual building of a house the senior year. The junior course will deal largely with learning how to frame a house. In the senior year the student will learn how to plan a material list for the entire house. The student will learn how to stake out for the foundation, put in the footer and basement wall, and begin a house by putting down the plates and floor joist. From this foundation, the remainder of the house is constructed. Skills learned include: rough and finish carpentry, roofing, cabinet installation, siding installation, and counter-top making.

**Chef Preparation and Hospitality Management****3.00 credits***Two-Year Course**Fee: Junior year - \$50.00; Senior year - \$35.00**Prerequisite: Counselor approval*

This program will train students in the preparation, presentation, and serving of food to the public. Students operate a restaurant open to the public and learn the business of restaurant operation. Student will learn about food preparation including: specialty desserts, soups, stocks, sauces, salads, dressings, breads, grains, meats, poultry, fish, vegetables and fruit. Other skills learned include: nutrition, menu management and safety. Upon completion of the program, students will be prepared for entry-level employment as a chef, caterer, dietitian assistant, server, food service employee, baker, or pastry chef. Students can continue their education by pursuing an associate's or bachelor's degree in hotel and restaurant management.

**CISCO/A+****3.00 credits***Two-Year Course**Prerequisite: Junior Standing, Counselor Approved**Fee: For workbooks and materials*

The CISCO/A+ program prepares students for industry-standard career certificates and lifelong learning opportunities. Among these certificates are the Cisco Certified networking Associate (CCNA) and A+ certification. Students will become familiar with safety, hands-on repairs, upgrading, troubleshooting, and installing of computer components. Students will design, install, and maintain networks. Emphasis is given to use of decision-making and problem-solving techniques in applying science, mathematics, communication, and social studies concepts to solve networking problems. Skills learned include: LAN design, network management/analysis, router configuration, detailed network design/management, and advanced router/switch configuration. Typical entry level positions upon completing of the program include, CISCO Certified Network Technician (exam required), A+ Certified Technician (exam required), and other Information Technology (IAT) related jobs.

**Cosmetology****4.50 credits***Two-Year Course**Fee: Students are charged a fee for cosmetology kit, uniform, activities, mannequins, textbook, workbook, and SkillsUSA fees.**Counselor approval*

This program trains students in the theory and practice of cosmetology. It includes a rigorous study of anatomy, chemistry, and physiology. Students completing the two-year program will meet the competency-based 1,500-hour requirement. The Ohio State Board of Cosmetology requires that students score 75% or better on the state exam to receive their state board license. Students will learn the theory of cosmetology practices, anatomy and chemistry, bacteriology and sanitation, hair, skin and nail care including study of disease and disorders, cutting and hair designing, chemical services color, permanent waves, chemical relaxing, manicure and pedicure, artificial nail application, facials, facial makeup application and salon management. Typical Entry-Level Employment Opportunities include: Cosmetologist (nails, hair, skin), Retail Supplier, and Salon Retail Sales Distribution.

**Criminal Science Technology****3.00/4.00 credits***Two-Year Course**Fee: For uniforms and workbooks/fees (approximately \$150.00)**Prerequisite: Security background check*

Two-year program designed to cross-train students in criminal justice, fire service and emergency medical services. Juniors are introduced to and receive training in public safety and criminal justice. Seniors receive medical first responder, basic fire training and 9-1-1 emergency telecommunications, which can lead to state and national certifications. A laboratory fee is charged for class uniforms and supplies. A background check, drug test, and physical are required. Skills learned include: Ohio Revised Code, Patrol, Investigations, Homeland Security, Paramilitary Structure, Self-defense, 9-1-1 Dispatch, Emergency Vehicle Operation, First Aid, CPR, and AED, Basic Fire Fighting, Medical First Responder and Hazmat. Typical entry-level positions include: corrections, dispatching, fire-fighter, first responder, private security, law enforcement, border patrol and United States Military.

**Engineering Design and Technology**  
**3.00 credits**

*Two-Year Course*

*Fee: to be determined*

*Prerequisite: Junior Standing; Counselor approval*

This tech prep is a two-year program designed for students interested in architectural and engineering design. Students will be prepared for entry level employment or furthering education in a college architectural or engineering program. Students will be able to invent, design and produce solutions for complex engineering components, products and processes by using state-of-the-art hardware/software to design 3D models and technical documentation. Students will also be investigating robotics, electronics, and computer-aided design and manufacturing processes. Skills learned include: sketching and drawing, mechanical drawing, three-dimensional drawing, problem-solving geometry, applied physics, blueprint design, production and interpretation, computer-aided drafting and design, and architectural and engineering language and design. Employment Opportunities include: Mechanical Drafter, Engineer, Architectural Drafter, Architect, Civil Engineer, Industrial/Manufacturing Engineer, Quality Assurance Technician Manufacturing Engineer, Tool Designer and Interior Designer.

NOTE: Most careers require post-secondary education.

**Machine Technology** **3.00 credits**

*Two-Year Course*

*Fee: Approximately \$20.00*

*Prerequisite: Counselor approval*

Specialized classroom and shop experiences prepare students for a career in machine technologies which include: machine mold making, machine repair, and tool and die. A school-to-apprenticeship program is available. Students receive hours in the shop setting, plus career-related classes including math, blueprint reading and machine technology. This program is nationally certified by the National Institute of Metalworking Skills (NIMS). Seniors are eligible for on-the-job training. Students can earn up to 12 college credit hours from The University of Akron. Skills learned include: bench work/drill press, basic tooling, horizontal/vertical saws, engine lathes, surface grinder, vertical mill, machine related mathematics, blueprint reading, CNC lathe/mill programming, measuring and tolerances.

**Masonry/Building Trades** **3.00 credits**

*Two-Year Course*

*Fee: \$50.00 per year*

*Prerequisite: Counselor approval*

This program is designed for students interested in preparing for jobs in the building construction and remodeling industry. Students will learn the skills necessary for entry-level employment in such occupations as carpentry, masonry construction, plumbing installation, roofing and dry-wall. During the second semester of the senior year, students who qualify may work half days in a job related to their training area. This often leads to full-time employment upon graduation. Skills learned include: blueprint and floor plan reading, cost estimating, safety rules and practices, masonry practices, math and building, electrical, plumbing and zoning codes.

**Media Communication** **3.00 credits**

*Two-Year Course*

*Fee: For certain workbooks and materials*

*(Undetermined)*

*Prerequisite: Intro to Speech is recommended as a supplemental course; Junior Standing, Counselor approval.*

Students in Media Communications study and explore the new worlds of advanced technology media from radio and television to the latest Internet developments. Students meet for two periods each school day for two years. Juniors and seniors must work 135 hours each year outside of school on media related internship activities, some of which will be on evenings and weekends. Students work with cameras, digital editing, lighting, sound equipment, Web Page Design, animation, graphics and more. Equipment available to students includes a television studio and control room, six field production units, 24 personal computers and digital editing systems. All technical aspects of broadcasting, audio, video and Internet technologies will be introduced. Students will learn studio producing which includes: directing, field production including camera work, script writing and editing, computer animation including Flash, web and multimedia design skills. Typical entry-level employment opportunities: camera operator, promotions assistant, web team assistant, graphic design attendant, computer graphics operator, photographer's assistant, and interactive medical assistant. Students can continue their education with a two or four year degree in communications, electronic media production, graphic design or visual arts. Technical certificate in broadcasting or media production

**Medical Assisting****3.00 credits***Two-Year Course**Fee: (to be determined)**Prerequisite: Junior Standing, Counselor Approval*

NEW! Students in the Medical Assisting program will learn skills related to working in a physician's office. Working in the new lab, students will practice both front and back office skills, such as taking vitals, patient care, medical equipment usage, and medical coding and billing. Upon successful completion of the program, students will have the opportunity to test for and earn a Registered Medical Assistant certification and other certifications. Employment opportunities include: Front office medical assistant, Back office medical assistant, Phlebotomist, Medical Coding/Billing. Future education options include: STNA, LPN, RN.

**Web Programming and Design 3.00 credits***Two-Year Course**Fee: For certain workbooks and materials**Prerequisite: Junior Standing, Counselor Approval*

This program is for students looking for comprehensive project-based training in websites, software business designs, animation and robotics. Students will learn basic electronics as well. Micro-controllers, breadboards, and several robotics kits will be used. Students may earn college credit for the class. Also, students receive hands-on experience through local, state and national competition. Skills learned include: Digital Image Design, robotics, animation, 3D game development, website development, software development, operating systems, firewalls, programming, databases, and other related topics. Entry-level positions include: entry-level programmer, graphic designer, LAN administrator, information technology security, service technician, and web site design can be obtained upon completion of the program.

