Kirtland High School
Program of Studies

Our Vision	Kirtland Local Schools will provide a personalized education for all students.	**Our Mission**	We educate students to become empowered citizens.

We Believe In

Cultivating a personalized learning environment for all students.
Providing a safe, positive, and productive atmosphere.
Increasing communications within the schools, families and the community.
Encouraging innovation and cultivating a sense of intellectual curiosity.
Treating all persons with respect and dignity.
Empowering students to have a voice in our democracy.

Using the Program of Studies

The Program of Studies contains the essential information needed for students to plan their educational program at the high school level. It should be read carefully by both students and parents prior to making course selections. Course requirements and procedures included in this Program of Studies may be subject to change with the Kirtland Board of Education approval.

How to Plan Your Program of Studies

Students are encouraged to carefully plan a program of studies that will assist them in reaching their educational and post-secondary goals. The information outlined on the following pages is designed to guide students in selecting the courses that will lead toward achieving their goals.

It is suggested that students:

- Review all requirements for graduation.
- Review Course Descriptions to consider Pathways and Prerequisites.
- Use the Four-Year Course Planner (MyApp) in Infinite Campus to complete a four year program.

Class Load/Scheduling

All students are required to maintain a schedule of at least five (5) credits for the entire school year. No more than two (2) study halls will be permitted each semester. In regards to scheduling elective courses, seniors are given priority in order of scheduling.

Credits for Promotion:

Grade 10: A student will be promoted to 10th grade if he/she has completed a minimum of 5 credits.
Grade 11: A student will be promoted to 11th grade if he/she has completed a minimum of 10 credits.
Grade 12: A student will be promoted to 12th grade if he/she has completed a minimum of 15 credits.
Graduate: A student must complete 22 credits with additional requirements to graduate.

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Four Year Course Planner

Students are encouraged to use the MyApp feature on Infinite Campus when scheduling with counselors and planning their four year academic pathway. This tool will provide each student with access to course offerings in each subject area in order to make informed decisions when planning their high school courses.

Kirtland High School Graduation Credit Requirements

Courses	KHS Minimum
English Language Arts	4
Health	.5
Mathematics	4[1]
Physical Education	.5[2]
Science	3[3]
Social Studies	3[4]
Electives	7[5]
Total Credits	22
Junior Internship	Completion
Community Service	16 Hours

1 **Mathematics** – Students must earn 4 mathematics units, which must include one unit of algebra II or the equivalent of algebra II. Exceptions: Algebra II or advanced computer science is not a requirement for students following a career-technical pathway. However, students still must have four units in mathematics. A student may choose to apply one unit of advanced computer science to satisfy one unit of algebra II/math III or equivalent. Districts also may use credit in a computer science course approved by the Department to satisfy a student's mathematics credit. Here is a link to the Computer Science Guidance Document.

2 **Physical education** – School districts may adopt policies 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. Starting with the 2019-2020 school year, districts may include show choir as a permissible activity as part of the PE Waiver policy. Students satisfying the physical education waiver must take another course of study of at least 60 hours of instruction (1/2 unit).

3 **Science** – Science units must include one unit of physical sciences, one unit of life sciences and one unit of advanced study in one or more of the following sciences: chemistry, physics or other physical science; advanced biology or other life science; astronomy, physical geology or other earth or space science. A student can choose to apply one credit in advanced computer science to satisfy one unit of advanced science (excluding biology or life sciences). Here is a link to the Computer Science Guidance Document.

4 **Social studies** – Students must include ½ unit of American history, ½ unit of American government, and ½ unit in world history and civilizations (for students in the classes of 2021 and beyond) in the three required social studies units.

5 **Elective credits** – Elective units must include one or any combination of world 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. **Note:** While not a state requirement for graduation, many four-year colleges and universities require a minimum of two years of sequential world language study at the secondary level as a college admissions requirement. This is the case for many in-state and out-of-state colleges and universities.

6 **Financial Literacy** – Ohio law requires students to receive instruction in financial literacy as part of the high school graduation requirements. However, it is up to local districts to determine how to best meet the needs of their students. For example, the financial literacy content may be incorporated into another course, or some districts may require students to take a standalone financial literacy course for a half credit that can meet either a graduation requirement for social studies or an elective.

-education.ohio.gov last edited 12/4/2019

Community Service

A total of 16 hours of community service activities **are required for graduation**. Community Service appears on students' report cards and transcripts and is graded with a "Pass" or "Fail".

Guidelines:

1. It is advantageous to begin the individual service hours as soon as possible. If a student has already completed hours that may qualify as community service hours, the student must check with the high school administration for approval.
2. Students may not be paid for service hours and may not be complete service hours in a place of employment.
3. Community Service hours are best served in an agency, senior center, retirement home, church, day care, United Way agency, residential center for the disabled, political candidate or issue, during school, after school, etc.
4. Students may obtain a list of community service ideas from the School Counseling department.
5. All community service hours completed outside of the school must be documented by the organization responsible, including a contact name and phone number for verification of service hours completed.
6. Community Service hours must be completed during each student's high school career.
7. Documentation all community service hours must be submitted to the high school office by the end of 1st semester of Senior Year.

Junior Internship

During this five day educational opportunity, students in 11th grade will explore a career within the area of their own interests and aptitude. Students are expected to contact potential supervisors to discuss the expectations of the internship. Upon completion, students will earn a final grade of Pass/Fail which will appear on the final transcript. **Junior Internship is a graduation requirement.**

The Ohio Core

Although academic entrance requirements vary among colleges and universities, the Ohio Core curriculum is a rigorous high school course plan that will prepare you for admission to Ohio's colleges. The Ohio core applies to students in public schools, charter schools, and community schools.

In addition to your test scores and GPA, colleges look at what classes you take in high school. The Ohio Core consists of high school courses in the core subjects of English/language arts, mathematics, science and social studies that prepare you for the demands of a knowledge-based economy and strengthen the link between high school graduation and college entry.

Information to Guide Student's Education in Ohio

[Ohio Graduation Requirements]

#EachChildOurFuture

Ohio's High School Graduation Requirements

Classes of 2021 and 2022

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

As a student entering ninth grade between **July 1, 2017** and **June 30, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

Cover the basics

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

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

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

You have the option to show you are ready by meeting the **original three graduation pathways** below that were available when you entered high school.

Show you are ready

Use at least one pathway to show that you are ready for college or a job.

1. Ohio's State Tests

Earn at least 18 points on seven end-of-course state tests. End-of-course tests are:

Algebra I or Integrated Math I
Geometry or Integrated Math II
American Government
American History
English I
English II
Biology

Each test score earns you up to five graduation points. You must have a minimum of four points in math, four points in English and six points across science and social studies. Your school and district receive grades on the Ohio School Report Cards for all students' scores and participation on state tests.

OR

2. Industry credential and workforce readiness

Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

OR

3. College and career readiness tests

Earn remediation-free scores in mathematics and English language arts on either the ACT or SAT.

The Ohio Department of Higher Education works with Ohio's universities to set the remediation-free scores for the ACT and SAT tests. Periodically, for a variety of reasons, these scores may be adjusted. For all high school juniors, the remediation-free scores set by Feb. 1 of their junior year will be used to meet their graduation requirement. The most up-to-date information regarding remediation-free scores can be found on the Department's graduation requirements webpage.

OR

(see reverse side)

Ohio | Department of Education

You can meet **new requirements** by demonstrating competency and readiness for a job, college, military or a self-sustaining profession.

Show competency

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

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

Option 1.

Demonstrate Two Career-Focused Activities*:

Foundational

Proficient scores on WebXams

A 12-point industry credential

A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning

Earn the required score on WorkKeys

Earn the OhioMeansJobs Readiness Seal

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

Option 2.

Enlist in the Military

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

Option 3.

Complete College Coursework

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

AND

Show readiness

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

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

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

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

Ohio's High School Graduation Requirements

Classes of 2023 and Beyond

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

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

First, cover the basics

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

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

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

Second, show competency

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

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

Option 1.

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Proficient scores on WebXams
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Supporting
Work-based learning
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

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

Option 2.

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

Option 3.

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

Ohio | Department of Education

Third, show readiness

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

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

- ☐ OhioMeansJobs Readiness Seal (Ohio)
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- ☐ Student Engagement Seal (Local)

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

Honors Diploma Requirements

According to the Ohio Department of Education, high school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences.

Ohio Department of Education

Ohio High School Honors Diploma

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content[4]	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science[2]	4 units, biology, chemistry, and at least one additional advance science[2]	4 units, including two units of advanced science[2]	5 units, including two units of advanced science[2]	3 units, including one unit of advanced science[2]	3 units, including one unit of advanced science[2]
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum[3]	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/ WorkKeys[1]	N/A	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]/WorkKeys (6 Reading for Information & 6 Applied Mathematics)[7]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

For more detailed information about the requirements for each Honors Diploma, please follow this link.

Graduating with Honors

All students graduating with a 4.250 cumulative GPA or higher will be designated summa cum laude ("with highest honors"). Magna cum laude ("with high honors") graduates are those who earn a cumulative GPA between 4.000 and 4.249. Cum laude ("with honors") graduates complete their high school careers with a final GPA of between 3.750 and 3.999. These honors are awarded based upon a student's cumulative GPA through and including their 8th semester.

Cumulative Grade Point Average (GPA) Calculation with Weighted and Unweighted Grades

Cumulative GPA* = Total Quality Points divided by Credits

Final Course Grade	Regular Academic Course Quality Points	Honors Course Quality Points	Advanced Placement (AP) Course Quality Points
A	4	4.5	5
B	3	3.5	4
C	2	2.5	3
D	1	1	1
F	0	0	0

Example:

Course	**Final Grade/Quality Points**	**Credit**
Honors English	A = 4.5 quality points	1 credit
Biology	B = 3 quality points	1 credit
Algebra I	B = 3 quality points	1 credit
U.S. History	B = 3 quality points	1 credit
Spanish I	D = 1 quality point	1 credit
AP Computer Science	A = 5 quality points	1 credit
Health	B = 1.5 quality points	.5 credit

21 (quality points) divided by 6.5 (credits) = 3.23 GPA

Online Course Options

Online course options are offered to high school students through third party providers. If a student would like to enroll in an online course, he or she must schedule a study hall in his or her day during which online coursework will be completed. Students will be limited to one online class per semester.

Online courses will be provided free of cost to students, however, if a student does not pass a course, he or she will be responsible for the course fee.

Course offerings through Edgenuity can be found HERE.

Credit Flexibility

The Credit Flexibility option allows access to resources and customization around individual student needs and the use of multiple measures of learning. Students can earn units of high school credit based on an individually approved credit flexibility plan. The intent of credit flexibility is to meet increased expectations for high school graduation in response to globalization and technology while developing 21st century skills.

In accordance with State Law, a credit flexibility plan is available that enables students to earn high school credit by:

1. Completing coursework
2. Testing out or showing mastery of course content
3. Pursuing an educational option and / or an individually approved option; and / or
4. Any combination of the above.

Physical Education Waiver

Students may waive the required PE9 and PE10 courses (net value of 0.5 credits) by participating in at least two (2) seasons of Interscholastic Sports (grades 9-12) and/or Marching Band. Students must file the "Intent to Waive" form to be permitted to remove PE from their course selections. Students opting for this waiver are required to obtain an additional 0.5 elective credits.

Course Waivers

If a student elects to take an academic course for which he or she was not recommended or does not meet the established prerequisites, the student must complete a waiver form obtainable in the School Counseling Office. The waiver **must** be signed by the student, parent, and teacher of the requested course before the student may be **considered** for the course. Principal approval is needed.

Course and Schedule Changes

The registration process at KHS begins in the early part of spring semester. Students and parents are encouraged to thoroughly discuss course offerings and review the student's four-year plan available in Infinite Campus before making actual selections.

Course and Schedule change requests will only be considered if meeting one of the following criteria:

1. Computer error
2. Summer school attendance
3. Failure of a prerequisite course
4. College Credit Plus enrollment
5. Schedule overload
6. Academic misplacement

Schedule change requests that meet one of the above criteria must be submitted to the Counseling Office by completion of a Request for Schedule Change form within the **first ten (10) days of the semester**. Students requesting to add a course must do so within the **first ten (10) days of the semester**. Courses will be added if the student is replacing a study hall and if seats are available in the requested course.

Students that wish to drop a course after the ten day period will be required to have a meeting with the student, parent, teacher, counselor, and principal. **Students must be aware of eligibility requirements for athletics and other school activities when considering schedule changes. Please Note: It is possible that an elective course may not be offered due to lack of adequate student interest or appropriate staffing.**

Athletic/Extracurricular Eligibility

The Ohio High School Athletic Association and Kirtland Board of Education shall govern rules for eligibility. In the preceding grading period, a student must receive passing grades in a minimum of five one-credit courses, or the equivalent, and maintain a 1.50 grade point average or higher in order to participate in interscholastic extracurricular activities.

Guidelines for Student Athletic Eligibility

Produced by The Ohio High School Athletic Association

For School Counselors – 2019-20

Revised 4/1/2019

Virtually every scholarship appeal that comes to the OHSAA office places **sole responsibility on you**, the school counselor, **for a student's failure to meet the requirements of the applicable scholarship bylaws** found in 4-4. Even though that notion is fundamentaly incorrect and OHSAA rules make reference to the fact that scholastic success is a shared responsibility with parents and students expected to shoulder most of the load, the Executive Director's Office has prepared this document to inform you of the crucial information that you need to know in order to advise students appropriately.

IMPORTANT ITEMS TO KNOW

HIGH SCHOOL

1. **All high school students MUST be enrolled in and earn passing grades in a minimum of five one-credit courses (or the equivalent) each and every grading period to have continuing eligibility.**
2. **Participate in every effort to ensure that all students are fully scheduled in a minimum of five one-credit courses each grading period.**
3. **If a student comes to you and asks to drop a course, ask the following questions:**
   a. **Are you a student athlete?**
   b. **What sports do you play?**
   c. **Have you visited with your athletic administrator or principal to determine if dropping this course will affect your eligibility to play a sport?**
4. **Do not allow the student to drop a course which reduces his/her course load below five one credit courses unless you receive a form from a senior administrator a template of which can be accessed here. (http://www.ohsaa.org/Portals/0/Eligibility/forms/SuggestedScheduleChangeForm.pdf)**
5. **The required Physical Education Course is not a full credit course. Do not count this course as one of the five full credit courses.**
6. **Always contact your principal or athletic administrator if you have any questions.**
7. **The OHSAA has no minimum grade point (GPA) requirement, thus issues regarding eligibility when only the GPA is of concern are strictly a local school district matter and not an OHSAA matter**

Grades 7-8

1. **All 7-8th grade students MUST be enrolled in and earn passing grades in a minimum of five courses each and every grading period to have continuing eligibility.**
2. **Participate in every effort to ensure that all students are fully scheduled in a minimum of five courses each grading period.**
3. **If a student comes to you and asks to drop a course, ask the following questions:**
   a. **Are you a student athlete?**
   b. **What sports do you play?**
   c. **Have you visited with your athletic administrator or principal to determine if dropping this course will affect your eligibility to play a sport?**
4. **Do not allow the student to drop a course which reduces his/her course load below five courses unless you receive a form from a senior administrator a template of which can be accessed here. (http://www.ohsaa.org/Portals/0/Eligibility/forms/SuggestedScheduleChangeForm.pdf)**
5. **Always contact your principal or athletic administrator if you have any questions.**

NOTE: "Grading period" is defined as your school's board-adopted calendar. In most school districts, this is a nine-week period, while some districts use six- or 12-week periods or semesters. It should also be noted, however, that interim, biweekly or weekly evaluations are not considered "grading periods," and restoration of eligibility is **NOT** permitted after such evaluations.

In addition, **students who have not met the high school or 7-8th scholarship requirement are not "substantively eligible;" and a student who fails to register for enough credit hours, fails a class(es) or drops a class that lowers the student below the requisite number of credits, always has a shared responsibility for this shortcoming thus disqualifying such shortcoming from the "due solely to an administrative error" category. Therefore; the administrative error bylaw shall never be used in conjunction with Bylaws 4-4-1 or 4-4-5.**

Examples of Determining Student Eligibility – Grades 9-12

Passing grades must be received in a minimum of **five** one-credit courses, or the equivalent, in the immediately preceding grading period. To determine credit equivalency, multiply full-year courses by a factor of 1; semester courses by a factor of 2; twelve-week courses by a factor of 3; and nine-week courses by a factor of 4.

Example 1: 1st Nine-Week Grading Period

Subject	Grade	Credit & Duration	Factor	Credit Equivalency (Must Equal 5 Units or Equivalent)
English 10	C	1 - all year	1	1 x 1 = 1
Spanish I	D	1 - all year	1	1 x 1 = 1
Health	B	1/2 - semester	2	1/2 x 2 = 1
Algebra	F	1 - all year	1	0
Computers	C	1/2 - semester	2	1/2 x 2 = 1
Social Studies	C	1/2 - semester	2	1/2 x 2 = 1
Total Credits				**5 = eligible for 2nd grading period**

Example 2: 4th Nine-Week Grading Period

Subject	Grade	Credit & Duration	Factor	Credit Equivalency (Must Equal 5 Units or Equivalent)
English	C	1 - all year	1	1 x 1 = 1
O.W.E.	F	2 - all year	1	0
O.W.E.	D	1 - all year	1	1 x 1 = 1
History	B	1 - all year	1	1 x 1 = 1
Health	B	1/4 - semester	2	1/4 x 2 = 1/2
Typing	C	1/4 - 4th 9 weeks	4	1/4 x 4 = 1
Total Credits				**4 1/2 = ineligible for 1st grading period of next school year**

Post-Secondary Option – College Credit Plus

Note: If a student is taking all course work at the post-secondary institution under the College Credit Plus program, the calculation of equivalency has changed. Please note that in order for a CCP class to be used for determining eligibility for Bylaw 4-4-1, the class must count toward HS graduation.

In addition, students electing to enroll in CCP 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 three or more semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately. This means that courses which are four, five, six or even seven hours of credit receive just one Carnegie unit.** Examples of CCP options:

Example 1: 1st Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (Must Equal 5 Units or Equivalent)
History	High	1 (year course)	1 x 1 = 1
Literature	CCP	3 semester hours	1 x 2 = 2
Calculus	CCP	5 semester hours	1 x 2 = 2
Biology	CCP	3 semester hours	1 x 2 = 2
Total Credits			**7 = eligible for 2nd grading period provided all courses passed**

The factor of 2 is used for post-secondary institutions that are on the semester system.

Example 2: 4th Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (Must Equal 5 Units or Equivalent)
French	CCP	5 semester hours	1 x 2 = 2
Sociology	CCP	3 semester hours	1 x 2 = 2
Computers	CCP	2 semester hours	.67 x 2=
Geology	CCP	3 semester hours	1 x 2 = 2
Total Credits			**7.34 = eligible for 1st grading period of next school year provided all courses passed**

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.

Block Scheduling

Block scheduling or double blocking of courses does not change the calculation of credit equivalencies as required in OHSAA bylaws. Courses taken over one semester or one quarter (9-week period) carry a factor of 2 and 4, respectively. Therefore, if a student takes an English course during the first semester only and receives one credit for passing that course, that class carries an equivalency of 2 (1 credit x the factor for a semester course (2) = 2). Examples of block scheduling:

Example 1: 1st Nine-Week Grading Period

Subject	Grade	Credit & Duration	Factor	Credit Equivalency (Must Equal 5 Units or Equivalent)
English 10	C	1 - semester	2	1 x 2 = 2
Spanish 2	C	1 - semester	2	1 x 2 = 2
Health	B	1/4 - 1st 9 weeks	4	1/4 x 4 = 1
Total Credits				**5 = eligible for 2nd grading period**

Example 2: 3rd Nine-Week Grading Period

Subject	Grade	Credit & Duration	Factor	Credit Equivalency (Must Equal 5 Units or Equivalent)
Calculus	B	1 - semester	2	1 x 2 = 2
French	C	1 - semester	2	1 x 2 = 2
Phys. Ed	A	1/4 - semester	2	1/4 x 2 = 1/2
Total Credits				**4 1/2 = ineligible for 4th grading period**

Examples of Determining Student Eligibility – Grades 7-8

Passing grades are required in a minimum of five subjects in which enrolled in the immediately preceding grading period. All courses, regardless of how many times per week the course meets, in which a student receives a grade count toward this eligibility requirement.

Example 1: 1st Nine-Week Grading Period

Subject	Grade
English	F
Math	B
Home Economics	B
Computers	C
Music	C
Health	F
Credits Passed	**4 of 6 classes = NOT eligible for 2nd grading period**

Example 2: 3rd Nine-Week Grading Period

Subject	Grade
English	F
Math	D
Industrial Arts	C
Music	B
Computers	B
Physical Education	B
Credits Passed	**5 of 6 classes = eligible for 4th grading period**

NOTE:

For additional information, contact:

Ohio High School Athletic Association
4080 Roselea Place, Columbus, Ohio 43214
Office Hours: Monday - Friday 7:30 a.m. - 4:30 p.m.
Telephone: (614) 267-2502 • **Fax:** (614) 267-1677 • **Website:** ohsaa.org

The complete text of the Bylaws and Regulations is published in the OHSAA Handbook, which is mailed to your school each summer and is posted on the OHSAA website.

Advanced Options

The Advanced Placement Program®

The Advanced Placement Program® (AP) is an opportunity for willing and academically prepared students to pursue rigorous, college-level studies while still in secondary school. The curricular content of the courses in the AP Program is comparable to that of introductory college-level courses. AP courses culminate in corresponding AP exams that are administered once per year. Students with qualifying exam scores may earn college credit and/or advanced placement in college courses. Please refer to the link below to learn specific information about the benefits of participating in and preparing for each of these tests.

Welcome to class.

When you take an AP® course, you tackle topics head-on and go deeper into subjects that interest you. You also get the chance to discuss and debate your perspectives with your AP teacher and classmates.

Why AP?

AP enables you to:

- Stand out in college admission
- Earn college credit
- Skip introductory college classes
- Save money on tuition
- Build college skills and confidence
- Explore potential majors based on your interests
- Turn subjects you love into fulfilling career paths

What's next?

Interested in taking AP? Here are some things you can do:

- Learn more about AP at **exploreap.org**
- Speak to your counselor or teacher
- Talk to classmates who have taken AP
- Discuss your options with your parents or family

College Credit Plus

Ohio Department of Higher Education CCP Information for Students and Families

Ohio State Tests

Ohio Department of Education State Tests

Ohio State Tests - Practice Resources

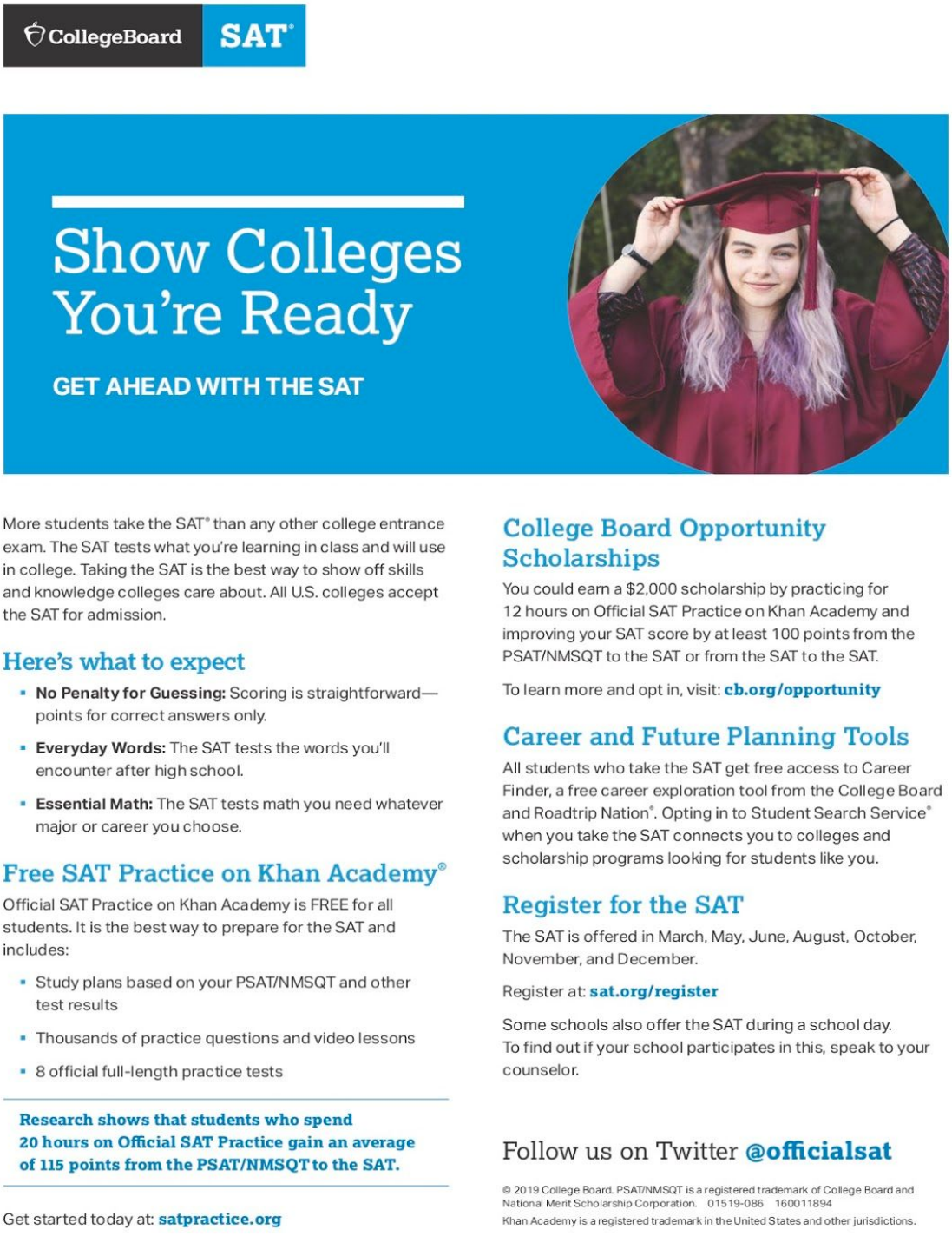
PSAT 8/9, PSAT 10 and PSAT/NMSQT

The PSAT grade-level tests will be administered to all students in grades 9, 10 and 11. Please refer to the links below to learn specific information about the benefits of participating in and preparing for each of these tests.

Information about the PSAT/NMSQT

SAT

Students interested in participating in the SAT college entrance exam are able to register for a test by logging in to their College Board account. Please refer to the links below to learn specific information about the benefits of participating in and preparing for the SAT.



CollegeBoard SAT

Show Colleges You're Ready

GET AHEAD WITH THE SAT

More students take the SAT® than any other college entrance exam. The SAT tests what you're learning in class and will use in college. Taking the SAT is the best way to show off skills and knowledge colleges care about. All U.S. colleges accept the SAT for admission.

Here's what to expect

- **No Penalty for Guessing:** Scoring is straightforward—points for correct answers only.
- **Everyday Words:** The SAT tests the words you'll encounter after high school.
- **Essential Math:** The SAT tests math you need whatever major or career you choose.

Free SAT Practice on Khan Academy®

Official SAT Practice on Khan Academy is FREE for all students. It is the best way to prepare for the SAT and includes:

- Study plans based on your PSAT/NMSQT and other test results
- Thousands of practice questions and video lessons
- 8 official full-length practice tests

Research shows that students who spend 20 hours on Official SAT Practice gain an average of 115 points from the PSAT/NMSQT to the SAT.

Get started today at: **satpractice.org**

College Board Opportunity Scholarships

You could earn a $2,000 scholarship by practicing for 12 hours on Official SAT Practice on Khan Academy and improving your SAT score by at least 100 points from the PSAT/NMSQT to the SAT or from the SAT to the SAT.

To learn more and opt in, visit: **cb.org/opportunity**

Career and Future Planning Tools

All students who take the SAT get free access to Career Finder, a free career exploration tool from the College Board and Roadtrip Nation®. Opting in to Student Search Service® when you take the SAT connects you to colleges and scholarship programs looking for students like you.

Register for the SAT

The SAT is offered in March, May, June, August, October, November, and December.

Register at: **sat.org/register**

Some schools also offer the SAT during a school day. To find out if your school participates in this, speak to your counselor.

Follow us on Twitter **@officialsat**

SAT Test Information

SAT Practice

[Parents' Guide to Getting Your Teen Ready for the SAT]

ACT

The ACT test will be administered to all students in the spring semester of 11th grade. Please refer to the links below to learn specific information about the benefits of participating in and preparing for the ACT test.

[ACT Test Information]

[ACT Preparation]

College Planning

Approximately 900 colleges accept The Common Application for admission applications. Students are able to create an account and begin completing application information on August 1st of their senior year. Students are encouraged to review the list of participating schools and specific requirements and deadlines for each institution. The counselors will review application procedures during the Spring of students' junior year and Fall of students' senior year. If students participate in classes off of the Kirtland campus, it is their responsibility to obtain meeting times and attend one of the sessions.
The Common Application

For transcript requests, teacher recommendation requests, and scholarship applications, please visit Naviance.
Naviance Login

Each student is permitted three field trip days during senior year and two field trip days during junior year to visit college campuses. The College Visitation Form must be signed by a college representative and returned to the attendance office in order for the absence to be removed from the student's record.
College Visitation Day Form

[NCAA Divisions I & II Academic Eligibility Requirements]

NCAA Eligibility Center

DIVISION I ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division I school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
4 years	3 years	2 years	1 year	2 years	4 years

FULL QUALIFIER

- Complete 16 core courses.
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
- Earn a core-course GPA of at least 2.300.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

ACADEMIC REDSHIRT

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division I sliding scale (see back page).
- Graduate high school.

Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

Academic Redshirt

College-bound student-athletes may receive an athletics scholarship during their first year of full-time enrollment and may practice during their first regular academic term, but may NOT compete during their first year of enrollment.

Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division I school.

International Students

Please review the **international initial-eligibility flyer** for information and academic requirements specific to international student-athletes.

Click here for Division II academic requirements.

Test Scores

If a student plans to attend an NCAA Division I college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division I requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

When a student registers for the SAT or ACT, he or she can use the NCAA Eligibility Center code of **9999** to send their scores directly to the NCAA Eligibility Center from the testing agency. Test scores on transcripts **CANNOT** be used in an academic certification.

DIVISION I
FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.550	400	37
3.525	410	38
3.500	430	39
3.475	440	40
3.450	460	41
3.425	470	41
3.400	490	42
3.375	500	42
3.350	520	43
3.325	530	44
3.300	550	44
3.275	560	45
3.250	580	46
3.225	590	46
3.200	600	47
3.175	620	47
3.150	630	48
3.125	650	49
3.100	660	49
3.075	680	50
3.050	690	50
3.025	710	51
3.000	720	52
2.975	730	52
2.950	740	53
2.925	750	53
2.900	750	54
2.875	760	55
2.850	770	56
2.825	780	56
2.800	790	57
2.775	800	58

DIVISION I
FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
2.750	810	59
2.725	820	60
2.700	830	61
2.675	840	61
2.650	850	62
2.625	860	63
2.600	860	64
2.575	870	65
2.550	880	66
2.525	890	67
2.500	900	68
2.475	910	69
2.450	920	70
2.425	930	70
2.400	940	71
2.375	950	72
2.350	960	73
2.325	970	74
2.300	980	75
2.299	990	76
2.275	990	76
2.250	1000	77
2.225	1010	78
2.200	1020	79
2.175	1030	80
2.150	1040	81
2.125	1050	82
2.100	1060	83
2.075	1070	84
2.050	1080	85
2.025	1090	86
2.000	1100	86

ACADEMIC REDSHIRT

*Final concordance research between the new SAT and ACT is ongoing.

September 2019

NCAA Eligibility Center

DIVISION II ACADEMIC REQUIREMENTS

College-bound student-athletes enrolling at an NCAA Division II school need to meet the following academic requirements to practice, compete and receive an athletics scholarship in their first year of full-time enrollment.

Core-Course Requirement

Complete 16 core courses in the following areas:

ENGLISH	MATH (Algebra I or higher)	NATURAL/ PHYSICAL SCIENCE (Including one year of lab, if offered)	ADDITIONAL (English, math or natural/physical science)	SOCIAL SCIENCE	ADDITIONAL COURSES (Any area listed to the left, foreign language or comparative religion/philosophy)
3 years	2 years	2 years	3 year	2 years	4 years

FULL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.200.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II full qualifier sliding scale (see back page).
- Graduate high school.

PARTIAL QUALIFIER

- Complete 16 core courses.
- Earn a core-course GPA of at least 2.000.
- Earn an SAT combined score or ACT sum score matching the core-course GPA on the Division II partial qualifier sliding scale (see back page).
- Graduate high school.

Full Qualifier

College-bound student-athletes may practice, compete and receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

Partial Qualifier

College-bound student-athletes may receive an athletics scholarship during their first year of enrollment and may practice during their first year of full-time enrollment at a Division II school, but may NOT compete.

Nonqualifier

College-bound student-athletes will not be able to practice, compete or receive an athletics scholarship during their first year of full-time enrollment at an NCAA Division II school.

International Students

Please review the **international initial-eligibility flyer** for information and academic requirements specific to international student-athletes.

Click here for Division I academic requirements.

DIVISION II
FULL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.300 & above	400	37
3.275	410	38
3.250	430	39
3.225	440	40
3.200	460	41
3.175	470	41
3.150	490	42
3.125	500	42
3.100	520	43
3.075	530	44
3.050	550	44
3.025	560	45
3.000	580	46
2.975	590	46
2.950	600	47
2.925	620	47
2.900	630	48
2.875	650	49
2.850	660	49
2.825	680	50
2.800	690	50
2.775	710	51
2.750	720	52
2.725	730	52
2.700	740	53
2.675	750	53
2.650	750	54
2.625	760	55
2.600	770	56
2.575	780	56
2.550	790	57
2.525	800	58
2.500	810	59
2.475	820	60
2.450	830	61
2.425	840	61
2.400	850	62
2.375	860	63
2.350	860	64
2.325	870	65
2.300	880	66
2.275	890	67
2.250	900	68
2.225	910	69
2.200	920	70 & above

DIVISION II
PARTIAL QUALIFIER SLIDING SCALE

Core GPA	SAT*	ACT Sum*
3.050 & above	400	37
3.025	410	38
3.000	430	39
2.975	440	40
2.950	460	41
2.925	470	41
2.900	490	42
2.875	500	42
2.850	520	43
2.825	530	44
2.800	550	44
2.775	560	45
2.750	580	46
2.725	590	46
2.700	600	47
2.675	620	47
2.650	630	48
2.625	650	49
2.600	660	49
2.575	680	50
2.550	690	50
2.525	710	51
2.500	720	52
2.475	730	52
2.450	740	53
2.425	750	53
2.400	750	54
2.375	760	55
2.350	770	56
2.325	780	56
2.300	790	57
2.275	800	58
2.250	810	59
2.225	820	60
2.200	830	61
2.175	840	61
2.150	850	62
2.125	860	63
2.100	860	64
2.075	870	65
2.050	880	66
2.025	890	67
2.000	900	68 & above

*Final concordance research between the new SAT and ACT is ongoing.

Test Scores

If a student plans to attend an NCAA Division II college or university in the 2019-20 or 2020-21 academic years, use the following charts to understand the core-course GPA he or she will need to meet NCAA Division II requirements.

A combined SAT score is calculated by adding critical reading and math subscores. An ACT sum score is calculated by adding English, math, reading and science subscores. A student may take the SAT or ACT an unlimited number of times before he or she enrolls full time in college. If a student takes either test more than once, the best subscores from each test are used for the academic certification process.

Pathways

The Path to becoming an Empowered Citizen is paved with experiences to help students gain awareness, explore, and engage in opportunities that stimulate intellectual curiosity, that support the pursuit of their own learning, that foster open-mindedness, and that inspire critical reflection, voice, and agency. These purposed, grade-level experiences, include the following: Professional Speaker Series, Site Visits, Internships, Service Learning, Class Seminars, and Thrively student portfolios including self-assessment data.

The focus areas for pathways experiences per grade level are as follows:

Grades 9-10

Explore

- Understand College and Career Planning
- Develop the plan to your pathway
- Experience real-life work force
- Practice self-regulation
- Promote positive relationships
- Reflect and Revise

Grades 11-12

Engage

- Evaluate your progress on your plan
- Exhibit problem solving skills
- Model integrity, ethical behavior, and leadership
- Communicate clearly, reflectively, and with reason
- Embody creativity and innovative thought
- Use critical thinking skills and demonstrate perseverance
- Revisit and Finalize

Course Descriptions

Department of Computer Science and Applications

Advanced Microsoft Office

.5 credit, 18 weeks
Grades 9-12
Prerequisite: None

Advanced Microsoft Office is a semester course designed to familiarize the students with computer hardware, networking, spreadsheet analysis (Microsoft Excel), and database management (Microsoft Access). Assignments will be project-based and evaluations will include application and synthesis of the material studied.
Fee required for this course.
This course is NOT an NCAA approved course.

Digital Video and Photography

.5 credit, 18 weeks
Grades 9-12
Prerequisite: None

Digital Video and Photography is a semester course designed to familiarize the students with multimedia applications. Students will use Adobe Photoshop and Pinnacle Studio 11 to create and edit photos, graphics and videos. Assignments will be project based and evaluations will include application and synthesis of the material studied.
Fee required for this course.
This course is NOT an NCAA approved course.

Desktop Publishing

.5 credit, 18 weeks
Grades 9-12
Prerequisite: None

Desktop Publishing is a semester course designed to familiarize the students with desktop publishing applications. Students will use Microsoft Publisher, Microsoft Word, Adobe InDesign, Adobe Image Ready and Adobe Photoshop throughout the course. Assignments will be project based and evaluations will include application and synthesis of the material studied.
Fee required for this course.
This course is NOT an NCAA approved course.

Web Design

.5 credit, 18 weeks
Grades 9-12
Prerequisite: None

Web Design is a course in which students will learn HTML fundamentals and how to create web pages with Microsoft Expression Web. Individual projects and designs are required. Students will assist in maintaining the current Kirtland High School website.
This course is NOT an NCAA approved course.

Introduction to Programming

.5 credit, 18 weeks
Grades 9-12
Prerequisite: None

Introduction to Programming is a course designed to familiarize the students with computer programming using a graphical user interface, object-oriented language. Assignments will be project based and evaluations will include application and synthesis of the material studied.
Fee required for this course.
This course is NOT an NCAA approved course.

AP® Computer Science Principles

1 credit, 36 Weeks, Weighted Grade
Grades 9-12
Prerequisite: None

AP® Computer Science Principles will introduce students to creative aspects of programming, using abstractions and algorithms, working with large datasets, understanding of the internet and issues of cybersecurity, and impacts of computing that

affect different populations. Computer Science Principles will give students the opportunity to use current technologies to solve problems and create meaningful computational artifacts.
This course is NOT an NCAA approved course.

AP® Computer Science A

1 credit, 36 Weeks, Weighted Grade
Grades 10-12
Prerequisite: AP® Computer Science Principles or Introduction to Programming and Teacher Recommendation

AP® Computer Science A is a course designed to prepare students for the College Board's Advanced Placement® test in Computer Science A. Students will create their own classes of objects and time will be spent discussing and implementing the fundamentals of program design and testing as well as the more difficult topics of classes, array handling, file handling, and recursion. There will be an emphasis on learning and developing algorithms and mastering the techniques and concepts tested on the AP® exam.
This course is NOT an NCAA approved course.

Honors C++ Programming

1 credit, 36 Weeks, Weighted Grade
Grade 11-12
Prerequisite: AP® Computer Science A and Teacher Recommendation

Honors C++ Programming will cover the C++ language and show students how to use it. Upon successful completion, students will be able to write C++ applications which include classes, structures, iteration, operator overloading, and file handling. Students will also leverage APIs that will allow them to create Windows-based applications.
This course is NOT an NCAA approved course.

Department of English

English 9

1 credit, 36 Weeks
Grade 9
Prerequisite: None

English 9 is a college-ready course designed to build fundamentally strong English skills and to develop effective study habits needed for collegiate success. This course emphasizes an intense study of grammar and expository writing. Students will read a variety of literary selections as well as three novels and a Shakespearean play.

Honors English 9

1 credit, 36 Weeks, Weighted Grade
Grade 9
Prerequisite: Teacher Recommendation

Honors English 9 is designed for the highly motivated student whose communication skills are significantly advanced in the subjective language arts. While encompassing all of English 9 expectations, Honors English 9 develops the skills, as prescribed by The Ohio Learning Standards, necessary to be successful in taking Honors English 10, AP® English 11 and 12.

English 10

1 credit, 36 Weeks
Grades 10
Prerequisite: English 9

English 10 is designed to further develop students' skills in the areas of vocabulary, spelling, grammar, literature, and writing. The emphasis on writing will focus on the importance of writing as a process. Narrative, descriptive, expository, and persuasive writing through essays, short stories, letters, research projects, presentations, writing notebooks, and discussion questions will be covered. In addition to literary units covered in the textbook, four novels will be assigned throughout the year. English 10 is designed to increase students' effectiveness in reading and writing skills. Students learn a variety of strategies to improve reading comprehension, critical thinking, word recognition, vocabulary skills, and verbal and written expression as prescribed by The Ohio Learning Standards.

Honors English 10

1 credit, 36 Weeks, Weighted Grade
Grade 10
Prerequisite: "C" or better in Honors English 9 and Teacher Recommendation

Honors English 10 is intended for the highly motivated student whose communication skills are significantly advanced in the subject area of language arts. At an accelerated pace, the course content covers units on vocabulary, spelling, grammar, composition, and literature as prescribed by The Ohio Learning Standards. The emphasis will focus on developing skills necessary to be successful in taking AP® English 11 and 12.

English 11

1 credit, 36 Weeks
Grade 11
Prerequisite: English 10

English 11 affords Juniors the opportunity to enhance their skills as they further prepare for college in the world of the 21st century. Students will experience American Literature, the reading of multiple novels and plays, study and practice grammar, vocabulary, and oral communication skills. All students complete a career research paper. English 11 is designed to enhance students' skills in a group discussion, writing with emphasis on essays and short stories, grammar, and vocabulary, as prescribed by The Ohio Learning Standards.

Advanced Placement® English Language and Composition

1 credit, 36 Weeks, Weighted Grade
Grade 11
Prerequisite: “C” or better in Honors English 10 and Teacher Recommendation

AP® English Language and Composition is a College Board approved course designed to help students become skilled readers and writers. Students should become aware of the interactions among the writer’s purpose, audience expectations, and subjects. This course furthers the students’ skills in composition, vocabulary, speech, and American Literature. Emphasis is placed on a student becoming an independent learner.

English 12

1 credit, 36 Weeks
Grade 12
Prerequisite: English 11

English 12 is a chronological survey of British Literature, concentrating on significant works and styles of classical to post-modern literary periods. Emphasis is placed on preparing students for college-level reading and writing requirements and expectations. Grammar, mechanics, and writing skills are integrated with literature and composition. English 12 is designed to enhance the critical reading and writing skills of the student. Students will explore literature through class participation, discussion, written analysis, cooperative learning groups, presentations, and research as prescribed by The Ohio Learning Standards. Readings will feature selections of British literature, three novels, and a Shakespearean play.

Advanced Placement® English Literature and Composition

1 credit, 36 Weeks, Weighted Grade
Grade 12
Prerequisite: “C” or better in AP® English Language and Composition and Teacher Recommendation

AP® English Literature and Composition is a College Board approved course designed to engage students in the careful reading and critical analysis of imaginative literature. Students will deepen their understanding of the author's purposeful use of language to create meaning, considering the work structure, style, and theme. Extensive independent reading includes eight to seventeen novels that are a mixture of classical and contemporary literature.

English/Language Arts Composition I (A) - Dual Credit (Lakeland - ENGL 1110)

1 credit (3 college semester hours), 18 Weeks, Weighted Grade
Grade 9-12
Prerequisite: Placement Test

This College Credit Plus course focuses on the writing process and on the composition of expository writing assignments, including personal, informational, and critical essays. Students will read and analyze expository and imaginative texts (fiction, nonfiction, poetry, or drama). Because of duplication in course content, students who have taken ENGL 1111 English/Language Arts Composition I (B) should not take this course. *Student interest/participation as well as staffing will determine whether or not dual enrollment courses run at KHS.*

English/Language Arts Composition II (A) - Dual Credit (Lakeland)

1 credit (3 college semester hours), 18 Weeks, Weighted Grade
Grade 9-12
Prerequisite: ENGL 1110 of ENGL 1111

This College Credit Plus Course analyzes argumentative strategies, models, and texts. Students will focus on the research process: identifying sources through electronic and print-based research strategies, evaluating research materials, and integrating and synthesizing research material. The course culminates in the production of a fully documented argumentative paper.*Student interest/participation as well as staffing will determine whether or not dual enrollment courses run at KHS.*

Writing for Publication

1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

This full year activity allows students to study the many operations involved in producing a commercial publication. Students will have the opportunity to utilize their creative skills as they actively contribute in the production of a yearbook that will become a cherished treasure of many students and their families for years to come.

Speech and Communication

.5 credit, 18 Weeks
Grade 10-12
Prerequisite: English 9

Speech and Communication introduces students to fundamental speech experiences. An emphasis is placed on interpersonal communication as well as public speaking. Students gain confidence and poise through class presentations. Students will also focus on the interview process. Computer-based research skills are honed and the writing process is included. The communication portion of the course explores the building blocks of the communication process while providing the necessary tools for communication expression in high school, college, and the workplace.

Introduction to Critical Film Study

½ credit, 18 Weeks
Grade 10-12
Prerequisite: English 9

In this course, students will enhance their understanding of the human story by reading literary texts that represent a variety of authors, directors, cultures, and eras. They learn to apply the reading process to the various genres of literature, including film. They demonstrate their comprehension by describing and discussing the elements of literature (e.g., setting, character, plot, pov, and theme), analyzing the director's use of the camera (auteur theory), comparing and contrasting texts, inferring theme and meaning, and responding to the text in critical and creative ways. Strategic viewers learn to explain, analyze, and critique literary texts (film, in our instance) in order to achieve deep understanding.

Creative Writing

.5 credit, 18 Weeks
Grade 10-12
Prerequisite: English 9

Creative Writing is designed for students to create original forms of descriptive writing, poetry, drama and fiction. Vocabulary development, creative writing techniques, and skills are explored. Students submit their work to local and national magazines. Writings are presented orally and in written form.

Poetry

.5 credit, 18 Weeks
Grade 10-12
Prerequisite: English 9

Poetry, is a college-preparatory course designed to meet the comprehensive needs of the high school 10th-12th grader. Students will approach poetry as both readers and writers in this elective. Students will learn the techniques of writing poetry by reading poems from the Renaissance through the contemporary age that illustrate the principles of poetic composition. Students will increase familiarity with and comprehension of poetry, and improve their own skills as poets. Students will be responsible for keeping a reading journal that includes thoughtful, detailed responses to the poems they read. Each class will begin with brief creative writing assignments, followed by either a discussion of a poem(s) or a peer workshop of students' own poems. Students will be required to write and revise at least one polished poem each week. At least one day a week will be completely devoted to writing and/or reading independently selected poetry. Students will write a minimum of one analytical essay each quarter. Students will also investigate publishing opportunities and submit their work for publication to various journals and writing contests. Final products will include a portfolio of the students' writing with multiple drafts of each poem and a research project and paper on an individually assigned poet. As with the other variations of English courses, the central question for this course is: What is human nature and how do we know?

Journalism

1 credit, 36 Weeks
Grade 11-12
Prerequisite: English 10

In journalism we create story ideas, learn reporting and interviewing skills, news writing, and how to effectively edit. We will explore different styles of journalism such as feature writing, opinion and review, sports writing, and review writing. From a journalism perspective, we will learn and explore the ethics and law regarding news. We will also investigate the role of digital news through social media, blogging, polls and surveys, and audience engagement, creating our own platform and focusing on language and design elements online.

ACT Prep through Magoosh

Grade 10-12
Prerequisite: None

This course promotes ACT Prep as a blended class. The students will access their materials online through Magoosh Test Prep and meet periodically with their teacher to check progress, discuss strategies and obstacles and revise plans. Grade will be based on a combination of time spent on the program and meetings with the teacher. *There is a $10 fee for this course.*

Department of Art

Art I

1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

Art I is primarily an exploratory course available to all students. The content of the course stresses themes drawn from students' daily experiences. Varied media for drawing, painting, sculpture, ceramics, and printmaking are included. The functions of art, which include personal expression, body adornment, and recreation receive attention. Style and design are important but are emphasized less than in Art II. A heavy emphasis will be placed on students learning about the process of making art via the basic elements and principles of art. The students will extend their vocabulary for talking about different subjects, themes, and media seen in their own and other artists' works. An introduction to computer graphic skills and three dimensional art assignments also takes place at this time.

Art II - IV

1 credit, 36 Weeks
Grade 10-12
Prerequisite: None

Art II-IV are courses for art majors and career-oriented students. A studio production approach is emphasized in this course. There are three major goals to be emphasized: to express oneself through creating works of art, to understand how artists express themselves through works of art, and to become aware of how societies express values and beliefs through visual forms. Content includes drawing and painting a variety of subjects, including the human form, Landscapes, animals, and still life. Students will work toward evolving personal styles that reflect their individual awareness of contemporary life. A greater emphasis on computer graphic skills via graphic assignments is emphasized at this level.

Three Dimensional Art

.5 credit, 18 Weeks
Grade 9-12
Prerequisite: None

Students will learn the concepts and principles of three-dimensional art and design as they work with materials that include clay, plaster, wire, wood, and paper mache. Students will conceptualize, plan, and create sculpture and craft objects using a variety of techniques such as carving, creating models, and assembling processes and installations. Students will also study different artists, sculptural history, and learn the aesthetics of sculpture through critical analysis and critiques of their work.

Honors Visual Art

1 credit, 36 Weeks, Weighted Grade
Grade 10-12
Prerequisite: Art II and Teacher Recommendation

Honors Visual Art is an independent study for art majors and career-oriented students. Students will be required to submit a portfolio, containing at least eight pieces, of an in-depth study on four styles of art (e.g. impressionism, cubism, pop art etc.). Each quarter students will choose a style of art and complete at least two projects demonstrating their understanding of the style. Students will decide on the materials and methods they wish to complete their artworks. Some materials may have to be purchased by the student. A paper containing a description of the artistic style and an explanation and reflection of the

student's work will be handed in with the portfolio for each style.

Media I

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1 credit, 36 Weeks
Grade 10-12
Prerequisite: None

This class will start out by introducing the student to the basic history and theory of the mainstream media. The course will explore the eight different areas of the AMerican Media Domain. These include an in-depth look and review of the following: The Film Industry, The Television Industry, The Newspaper Industry, The Book Publishing Industry, The Magazine, Industry, The Recording Industry, The Radio Industry, ahd the ever changing Digital Internet Wireless Industry. There will be a very strong emphasis on the history of events that shaped the media and how the media shaped events throughout history and most importantly, the individual media student's life. Students will learn the basic vocabulary for the technical terms and procedures for basic AV production. This will be supplemented by students viewing and critiquing specific classic films that set a benchmark for generations of film producers. This class will offer students the opportunity to learn via hands-on learning projects, including working as a satellite news anchor, reporter, writer, or technician for the Media II class.

Media II

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1 credit, 36 Weeks
Grade 11-12
Prerequisite: Media I

This course will integrate the classroom theory and hands-on application of learned skills in the production of a daily school television news/morning announcement and special feature program. Students will participate in the writing, technical production, and the on-duty anchoring and news reporting of the show. Students will have the opportunity to audition for these three major areas of production. The news program will cover the three major areas of student campus life; scholastics, daily school announcements, and athletics.

Department of Music

Band

1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

High school band is an instrumental music ensemble, which is divided into two major ensembles. Both Marching Band and Concert Band are part of the course for band participations and instrumental music curriculum. Therefore, students must participate in band for the entire year to receive full credit for the class. Students will develop a complete working range on their instruments as well as rhythmic and technical skills up to and including 32nd notes. Marching band music is emphasized during marching band season (fall/winter) while concert band music is emphasized during concert season (winter/spring). Performances at Ohio Music Education Association contests and festivals are an integral part of the curriculum. Literature of the wind band in studies, as is the required and select music from the OMEA music list.

Honors Band

1 credit, 36 Weeks, Weighted Grade
Grade 9-12
Prerequisite: Teacher Recommendation

Honors credit for Band provides an enrichment program for students who have enrolled in Concert Band. This enrichment program will include preparation of the district level audition piece, research papers, and performances. All music honors students will be required to fully participate in the concerts and activities of their respective ensembles, as well as district solo and ensemble contest, and Honor Festivals. Additionally, they must fulfill all attendance/credit criteria with their ensemble director. Students may be assigned periodic research that relates to their instrument. These advanced performers will also be given first preference for districts, regional and statewide festivals.

Flag Corps

.25 credit, 9 Weeks
Grade 9-12
Prerequisite: None

Auditions are held in the spring for the Band Auxiliary (Flag Corps.). The Flag Corps. Attends band camp in the summer and performs with the marching band in the fall. Credit will only be received if a student is not enrolled in Band or Choir.

Choir

1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

Participation in the high school choir is open to all students in grades 9-12. Emphasis is made on the development of vocal technique, sight-reading, and good musicianship. A wide variety of choral literature are studies, ranging from classical to contemporary. The choir student is expected to sing at all concerts, which are scheduled throughout the year. Eight grade students may be considered to take the course for high school credit.

Honors Choir

1 credit, 36 Weeks, Weighted Credit
Grade 9-12
Prerequisite: Teacher Recommendation

Honors credit for Choir provides an enrichment program for students who have enrolled in Concert Choir. This enrichment program will include preparation of the district level audition piece, research papers, and performances. All honors music

students will be required to fully participate in the concerts and activities of their requective ensembles, as well as district solo and ensemble contest, and Honor Festivals. Additionally, they must fulfill all attendance/credit criteria with their ensemble director. Students may be assigned periodic research that relates to vocal study. Students are required to participate in an OMEA adjudicated festival. These advanced performers will also be given first preference for district, regional, and state-wide festivals.

Performing Arts

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1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

Students may take both Choir and Band for a combined credit. Students are advised by both the teachers of each of these courses which days they are required to attend each of these classes. This course is an excellent option for those students who choose to participate in both of these Fine Arts Class options.

Honors Performing Arts

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1 credit, 36 Weeks, Weighted Grade
Grade 9-12
Prerequisite: Teacher Recommendation

Honors credit for Performing Arts provides an enrichment program for students interested in Honors Band and Honors Choir. This enrichment program will include preparation of the district level audition piece, research papers, and performances. All honors music students will be required to fully participate in the concerts and activities of their requective ensembles, as well as district solo and ensemble contest, and Honor Festivals. Additionally, they must fulfill all attendance/credit criteria with their ensemble director. Students may be assigned periodic research that relates to vocal study. Students are required to participate in an OMEA adjudicated festival. These advanced performers will also be given first preference for district, regional, and state-wide festivals.

Music Theory

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1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

Students will be introduced to and gain a working understanding of pitches on both the treble and bass staves, major and minor scales, key signatures, melodic intervals, chord structure, rhythmic notation, and ear training. Additionally, they will begin to learn how to create original compositions.

Rock and Roll History

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1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

The course is designed to teach students to become active listeners, and become more aware of the ways in which various compositional and performance techniques are utilized in rock music to express various aspects of the human condition. There will be considerable discussion about the roles that race, gender, and socio-political events have played in pop/rock music. Students will explore historical materials, video interviews, and essays. Students will become aware of musical elements and the various contexts of history, visual and aural culture, performance, and technology that can connect the sounds that we are drawn to as listeners to the world around us. In this course we will use the songs as portals to reveal things about the time and their social world.

Voice Class

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1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

This class is designed to improve each student's singing voice and develop the ability to sing successfully in front of others. Students will learn about their vocal anatomy, healthy singing practices, strategies for learning, practicing and performing effectively. Student's will be expected to sing in small groups and alone. Active listening, reflection, and peer feedback will be using to help each individual grow as a musician. Musicianship skills will be developed journaling, sight singing, ear training, and musical analysis.

Treble Ensemble

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1 credit, 36 Weeks
Grade 9-12
Prerequisite: None

The Kirtland Treble Ensemble is a full year course in which the student may earn 1 full unit of a Fine Arts Credit. The curriculum is designed to further develop the singing voice, ear training, sight singing skills and competency in reading three and four part voicing. Phonetics of various languages and a variety of musical styles are presented. Class work includes singing exercises to build and strengthen the voice, improve diction, breath support and resonance. Music Theory and Music History are also included in daily instruction. Sight singing technique is practiced on a daily basis. Additional work includes singing in small ensembles, written tests, singing tests and required evening performances.

Department of Health and Wellness

Skills for Health

.5 credit, 18 weeks,
Provided through APEX online program
Grades 9
Prerequisite: None

Skills for Health helps students develop knowledge, attitudes, and essential skills in a variety of health related subjects, including mental and emotional health, nutrition, physical activity, substance use and abuse, injury prevention and safety, and personal health, environmental conservation, and community health resources. Through the use of accessible information and real-life simulations, students apply the seven health skills. These include access to valid health information, self-management, analysis of internal and external influences, interpersonal communication, decision making, goal setting, and advocacy. Students who complete Skills for Health build the skills they need to protect, enhance, and promote their own health and the health of others. Students will also hear from guest speakers from health agencies within our commuinty throughout the semester on topics such as depression and teen suicide, STD/STIs, and dating violence prevention.

Physical Education

.5 credit, 18 weeks
Grades 9-12
Prerequisite: None

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Wellness 1 & 2

.5 credit, 18 weeks
Grades 10-12
Prerequisite: None

The mission of health and wellness is to encourage students to consciously take control of their overall well being. By compiling and analyzing data on individual nutrition, exercise and sleep/stress management, students are able to make the necessary changes to fulfill their goals. Wellness not only focuses on improving each student's wellness level for the 18 weeks they are in class, but also creating lifelong habits that will increase their overall quality of life moving forward.

Personal Fitness and Overall Wellness

.5 credit, 18 weeks
Grades 10-12
Prerequisite: None

This course allows students to explore multiple dimensions of wellness. Students will learn to take an active role in their well being through education in fitness, nutrition, and stress management. The aim of this course is to enable students to make well-informed decisions about a healthy lifestyle.

Mindfulness

.5 credit, 18 weeks
Grades 9-12
Prerequisite: None

Teaching the Social Emotional Learning Core Competencies - Self-Management, Self-Awareness, Responsible Decision Making, Relationship Skills, Social Awareness - through the awareness of and practice of Mindfulness.

Department of Mathematics

Applied Algebra I

1 credit, 36 Weeks
Grade 9
Prerequisite: None

Applied Algebra I is recommended for 9th grade students who need to further develop skills in algebra. This course introduces solutions of quadratic equations, applications of ratio and proportions, and geometric applications in the Cartesian plane. This course focuses on fundamental properties of real numbers, finding solutions of linear equations, graphing from standard form, combining polynomials, solving systems of linear equations, and applications of the law of exponents. This course reinforces skills necessary to pass the Ohio End-of-Course exam for Algebra I.

Algebra I

1 credit, 36 Weeks
Grade 9
Prerequisite: None

In Algebra I the focus is on fundamental properties of real numbers, algebraic and graphical study of polynomials, rational algebraic expression in quadratic equations as prescribed by The Common Core State Standards.

Applied Geometry

1 credit, 36 Weeks
Grade 10
Prerequisite: Applied Algebra I or Algebra I

This class focuses on the key concepts of geometry, while integrating past knowledge of algebra terminology to develop ideas connected with one, two, and three-dimensional geometric figures, solutions of triangles, applications of trigonometry, and solving trigonometric equations.

Geometry

1 credit, 36 Weeks
Grade 9-10
Prerequisite: Algebra I or Applied Algebra I

Utilizing past knowledge of algebra, students will develop ideas connected with one, two, and three-dimensional geometric figures, solutions of triangles, applications of trigonometry, and solving trigonometric equations. This course is designed to help students develop greater ability to reason deductively as prescribed by The Common Core State Standards.

Applied Algebra II

1 credit, 36 Weeks
Grade 11
Prerequisite: Applied Geometry or Geometry

Applied Algebra II is an expansion of the material studied in applied Algebra 1 and applied geometry. Emphasizing real-world applications and associated graphical analysis, students will learn about linear, quadratic, exponential, logarithmic, polynomial, rational, and trigonometric functions. This course will help improve skills necessary for the ACT and SAT.

Algebra II

1 credit, 36 Weeks
Grade 9-11
Prerequisite: Geometry or Applied Geometry

Algebra II emphasizes real world applications and associated graphical analysis. Linear, quadratic, exponential, logarithmic, polynomial, rational, and

trigonometric functions are explored and prescribed by The Common Core State Standards. This course will help improve skills necessary for the ACT and SAT. Students will need a graphing calculator, either a TI-83 series or TI-84 series is appropriate.

Honors Algebra II

1 credit, 36 Weeks, Weighted Grade
Grade 9-11
Prerequisite: Geometry and Teacher Recommendation

Honors Algebra II emphasizes real world applications and associated graphical analysis. Linear, quadratic, exponential, logarithmic, polynomial, rational, and trigonometric functions are explored and prescribed by The Common Core State Standards. Performance based tasks are used to measure student understanding and ability to apply content. This course will help improve skills necessary for the ACT and SAT. Students will need a graphing calculator, either a TI-83 series or TI-84 series is appropriate.

Honors Pre-Calculus

1 credit, 36 Weeks, Weighted Grade
Grade 10-12
Prerequisite: Algebra II or Honors Algebra II and Teacher Recommendation

This course is designed to familiarize the college-bound student with advanced algebraic, geometric, and trigonometric topics. Emphasis is placed on the theory of equations, analytical graphing using algebraic techniques, trigonometry, and theory of logic, exponential growth, and elementary probability.

Math Topics

1 credit, 36 Weeks
Grade 12
Prerequisite: Algebra II or Applied Algebra II

This course is designed for a college-bound student. Utilizing a college-level text, this course will cover the following topics: sets, logic, number theory, algebra, functions, geometry, matrices, and probability and statistics.

Statistics

1 credit, 36 Weeks
Grade 11-12
Prerequisite: Geometry

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students will be exposed to the following main concepts: exploring data, sampling, anticipating patterns, and statistical inferences.

Advanced Placement® Calculus AB

1 credit, 36 Weeks, Weighted Credit
Grade 11-12
Prerequisite: Honors Precalculus and Teacher Recommendation

This college credit option is open to qualified fourth year math students. Students are strongly encouraged to take the Advanced Placement® Calculus AB exam in May. This course includes techniques and applications of the derivative, techniques and applications of the definite integral, and the Fundamental Theorem of Calculus. Algebraic, numerical, and graphical representations are emphasized throughout the course. It is equivalent to at least one semester of calculus at most colleges and universities.

Advanced Placement® Calculus BC

1 credit, 36 Weeks, Weighted Credit
Grade 12
Prerequisite: AP® Calculus AB and Teacher Recommendation

AP® Calculus BC is roughly equivalent to a first and second semester college calculus course and extends the content learned in AB to different types of equations and introduces the topics of sequences and series. The AP® course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions.

Advanced Placement® Statistics

1 credit, 36 Weeks, Weighted Credit
Grade 10-12
Prerequisite: Statistics or Algebra II and Teacher Recommendation

This course is divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns. Probability is the tool used to anticipate future behavior of data associated with a given model. Statistical inference is the process used to make decisions stemming from observed data. This course is designed for students who want to pursue studies or careers in the quantitative or scientific fields, or fields that rely on statistical analysis of pertinent data.

Department of Science

Physical Science

1 credit, 36 Weeks
Grade 9
Prerequisite: None

Physical Science introduces students to key concepts and theories that provide a foundation for further study in other sciences and advanced science disciplines. Physical Science comprises the systematic study of the physical world as it relates to fundamental concepts about matter, energy, and motion. A unified understanding of phenomena in physical, living, Earth and space systems is the culmination of all previously learned concepts related to chemistry, physics, and Earth and space science, along with historical perspective and mathematical reasoning.

Biology

1 credit, 36 Weeks
Grade 9-10
Prerequisite: Grade 9 - Teacher Recommendation

This course investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment, and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications.

Environmental Science

1 credit, 36 Weeks
Grade 11-12
Prerequisite: Biology

Environmental Science incorporates biology, chemistry, physics, and physical geology and introduces students to key Concepts, principles, and theories within environmental science. Investigations are used to understand and explain the behavior of Nature and a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications.

Chemistry

1 credit, 36 Weeks
Grade 10-12
Prerequisite: Biology, Algebra I (grade of “C” or better)

This course introduces students to key Concepts and theories that provide a foundation for further study in other sciences as well as advanced science disciplines. Chemistry comprises a systematic study of the predictive physical interactions of matter and subsequent events that occur in the natural world. The study of matter through the exploration of classification, its structure, and its interactions is how this course is organized. Investigations are used to understand and explain the behavior of matter in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications. An understanding of leading theories and how they have informed current knowledge prepares students with higher order cognitive capabilities of evaluation, prediction, and application.

Physics

1 credit, 36 Weeks
Grade 11-12
Prerequisite: Biology, Algebra I (grade of "C" or better)

Physics elaborates on the study of the key concepts of motion, forces, and energy as they relate to increasingly complex systems and applications that will provide a foundation for further study in science and scientific literacy. Students engage in investigations to understand and explain motion, forces, and energy in a variety of inquiry and design scenarios that incorporate scientific reasoning, analysis, communication skills, and real-world applications.

Anatomy and Physiology

1 credit, 36 Weeks
Grade 11-12
Prerequisite: Biology

Anatomy and Physiology integrates the structure and function of cells, tissues, organs, and systems of the human body. Concepts of chemistry, physics, and pathology are integrated as applied to course material. An emphasis is placed on the relationship of body systems. Students will engage in lab work, dissection, research projects, and presentations with emphasis on the development of critical thinking and science inquiry skills.

Genetics

1 credit, 36 Weeks
Grade 11-12
Prerequisite: Biology, Chemistry

Students will utilize current online and multimedia technologies to study Genetics and Contemporary Biology. The Genetics content includes introductory and advanced topics in genetics including heredity and phenotype, DNA, genetic variation, gene structure, function, and regulation, population genetics, genetic engineering, genetic testing, evolution, behavior, biotechnology/bioremediation, and bioethics. The Contemporary Biology content includes topics in principles of experimental design centered on focal topics selected to reflect the many aspects of Bioscience. Topics reflect current biological issues, emerging techniques, and relevant problems extending into the everyday affairs of the student.

Astronomy

1 credit, 36 Weeks
Grade 11-12
Prerequisite: Geometry

This introductory course will study the interconnected concepts of the nature of our solar system, planetary systems around other stars, the physics of gravity, the lives of stars and the cosmos. This course attempts to convey a number of the facts that astronomers and astrophysicists have learned about these topics, to describe the outstanding scientific problems that are the focus of current research, to illustrate ways in which physical principles are used to understand the universe, and to show how scientific theories are developed and tested against observations.

Introduction to Engineering Design

1 credit, 36 Weeks
Grade 10-12
Prerequisite: Teacher Approval

This course introduces students to the engineering profession and a common approach to the solution of engineering

problems, an engineering design process. Utilizing the activity-project-problem-based (APB) teaching and learning pedagogy, students will progress from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Principles of Engineering

1 credit, 36 Weeks
Grade 10-12
Prerequisite: Teacher Approval

This survey course exposes students to some of the major concepts that they will encounter in a post-secondary engineering course of study. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of materials and structures, automation, and kinematics. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology.

Advanced Placement® Biology

1 credit, 36 Weeks, Weighted Credit
Grade 11-12
Prerequisite: Biology, Chemistry (grade of “C” or better), Teacher Recommendation

AP® Biology is an introductory college course taught at the high school level designed to strengthen understanding of ideas that unite major biological themes of molecules and cells, heredity and evolution, organisms, and populations. Classroom lessons, discussions, and laboratories are designed to encourage successful completion of the AP® Biology exam given in the Spring. Students who score well on the AP® exam may receive college credit in biology and enter more advanced biology courses in college or pursue alternate majors more quickly.

Advanced Placement® Chemistry

1 credit, 36 Weeks, Weighted Credit
Grade 11-12
Prerequisite: Chemistry (grade of “C” or better), Teacher Recommendation

AP® Chemistry is considered to be comparable to a general chemistry course taken during a student's freshman year in college. Emphasis will be on problem-solving, theoretical aspects of chemistry, and laboratory experiments. Course content includes atomic structure, nuclear chemistry, periodicity, gas laws, solutions, bonding,stoichiometry, kinetics, thermodynamics, electrochemistry, and equilibrium. Students are expected to have the mathematical skills necessary to do the computations in AP® Chemistry.

Advanced Placement® Physics

1 credit, 36 Weeks, Weighted Credit
Grade 11-12
Prerequisite: Algebra II (grade of “C” or better), Teacher Recommendation

AP® Physics is intended to represent courses commonly offered in colleges and

universities. This class provides a foundation in physics for students in the life sciences, pre-medicine, and some applied sciences, as well as other fields not directly related to science. The aim of AP® Physics is to develop the students' abilities to read, understand, and interpret physical, verbal, mathematical, and graphical information. Students will also be prepared to describe and explain the sequence of steps in the analysis of physical phenomena or problems. Basic mathematical reasoning, arithmetic, algebraic, geometric, or trigonometric, will be used in a physical situation or problem. Students will perform experiments and interpret the results of observations, including making an assessment of experimental uncertainties.

Department of Social Studies

World History

1 credit, 36 Weeks
Grade 9
Prerequisite: None

This course provides students with a comprehensive survey of world history that will not only develop a sense of continuity of history, including cause and effect relationships, but also aid in making sense of their own times and help them deal with the future. Students will gain insight to the political, social, and economic developments covering the traditional societies in the west, as well as Asia, Africa, and the Middle East.

United States History

1 credit, 36 Weeks
Grade 11-12
Prerequisite: World History

This required course provides the student with a conceptual framework for understanding U.S. History from the start of the Second Industrial Revolution to the present day. In this class, students will study historic events, geographic settings, cultural perspectives, economic implications, and the role of American government. Students will also develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. In addition, the Ohio Core's required personal finance studies will occur during this course.

Advanced Placement® United States History

1 credit, 36 Weeks, Weighted Credit
Grade 10
Prerequisite: World History and Teacher Recommendation

This is a rigorous course that provides an opportunity for students to earn college credit. For students to be successful, they must be proficient in reading and writing, as well as possess a willingness to devote considerable time to research and study. The AP® program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Students should learn to assess historical materials - their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship.

Government and Politics

1 credit, 36 Weeks
Grade 11-12
Prerequisite: US History

Government and Politics is a full-year unit required in the junior year. Emphasis is placed on the theory, structure, and function of federal, state, and local government in the United States and how they relate to each other. The Constitution, federal government operations, and civil rights are highlighted. In addition to covering the domestic aspects of American government, this course will examine foreign policy/relations, as well as where the United States fits within the global economic and geographic landscape.

Advanced Placement® United States Government and Politics

1 credit, 36 Weeks, Weighted Credit
Grade 11
Prerequisite: US History or AP® US History, and Teacher Recommendation

The aim of this course is to provide students with a learning experience equivalent to that obtained in most college introductory United States Government and Politics courses. This course will provide students with the conceptual tools necessary to develop and understand the diverse political structures and practices of the United States. This course includes both the study of general concepts used to interpret politics and the analysis of specific examples. Students will become acquainted with the variety of theoretical perspectives and explanations and outcomes. The emphasis of this course is to prepare students for the Advanced Placement® test given in May.

U.S. National Government - Dual Credit (Lakeland - POLS 1300)

1 credit (3 semester hours), 18 Weeks, Weighted Grade
Grade 11
Prerequisite: US History or AP® US History, Placement Test

This College credit plus course provides an examination of the formation, structure, processes, and fundamental political principles of the United States political system, including the development of the Constitution and the federal system, civil rights and liberties, public opinion and political participation, political parties and interest groups, the role of money and the media in the political system, political campaigns and elections, Congress and the legislative process, the presidency and the federal judiciary. .*Student interest/participation as well as staffing will determine whether or not dual enrollment courses run at KHS.*

Issues in Psychology

.5 credit, 18 Weeks
Grade 11-12
Prerequisite: None

This elective, college-level course will focus on the scientific approach to studying human behavior and mental processes. We will serve a major theories explaining State of Consciousness, learning, Stress Control, how personalities develop, abnormal behavior, and treatment of psychological disorders. The primary goal of the course is to help students learn more about themselves and others and how this understanding is relevant to their lives.

Contemporary Social Issues

.5 credit, 18 Weeks
Grade 11-12
Prerequisite: None

This course is an introduction to sociology as a way of understanding the world. Sociology is a field of study that explains social, political, and economic phenomena in terms of social structures, social forces, and group relations. Students will be introduced to the field by focusing on several important sociological topics including socialization, culture, the social construction of knowledge, inequality, race and ethnic relations, poverty, and political sociology. Specific emphasis will be placed on contemporary issues, including society and technology, global issues, cinema, schools and culture, sports, and society.

Entrepreneurship In Our Society

.5 credit, 18 Weeks
Grade 11-12
Prerequisite: None

In Entrepreneurship, students will be introduced to basic principles of business including entrepreneurship, framework of business, business operations, economics, competition, business communications, business strategies, marketing, and the role of government in contemporary business. Students will get first-hand experience in the writing, and possible implementation, of their realistic business plan. This course is designed for students who may want to pursue business or business administration as a career path.

Ethics and Philosophy

.5 credit, 18 Weeks
Grade 12
Prerequisite: Government and Politics

As an introduction to philosophy and ethics, this course aims to be topical and organized around a key set of questions and issues that invite conversation, analysis, and discussion. Issues ranging from truth, lies, and fake news to copying homework to the nature of good and evil, the course will focus on teaching students how to pose meaningful questions, inspect and scrutinize their deeply held beliefs, and work out their own ideas with care and rigor.

Advanced Placement® Psychology

1 credit, 36 Weeks, Weighted Credit
Grade 12
Prerequisite:Government & Politics or AP® Government & Politics, and Teacher Recommendation

AP® Psychology is an introductory college-level psychology course. Students cultivate their understanding of the systematic and scientific study of human behavior and mental processes through inquiry-based investigations as they explore concepts like the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology.

Department of World Languages

French I

1 credit, 36 Weeks
Grade 8-12
Prerequisite: Recommendation for 8th Graders

French 1 is designed for students beginning their study of the language. Students will develop basic proficiency in interpretive, presentational, and interpersonal communication through student-centered activities. Thematic and cultural units provide the context for the learning and permit students to gain knowledge of basic grammar and vocabulary. Cultural content is embedded into instruction. Students' home study and regular class participation in the target language are essential for success.

French II

1 credit, 36 Weeks
Grade 9-12
Prerequisite: Successful Completion of French I

French 2 is designed for students who have successfully completed French 1. Students communicate about familiar topics in the present and past tenses. Students gain proficiency in interpersonal speaking and writing,interpretive listening and reading, and presentational writing and speaking. Activities are student-centered. Thematic units allow students to gain a greater appreciation of diverse cultural practices in the Francophone world and use the language in context. Students' home study and regular class participation in the target language are essential for success.

French III

1 credit, 36 Weeks
Grade 10-12
Prerequisite: Successful Completion of French II

French 3 is designed for students who have successfully completed French 2. Students will continue to enhance their communication skills and are expected to develop intermediate proficiency in all modes of communication. Students will explore the culture of Francophone countries in greater depth. Students will read, view, and study selected authentic texts and media to develop greater linguistic and cultural proficiency, with a particular emphasis on written composition and oral communication skills. French III is conducted primarily in French and all students are expected to use French as the primary language in the classroom. Students' home study and active participation in the target language are essential for success.

Honors French IV/V

1 credit, 36 Weeks, Weighted Grade
Grade 11-12
Prerequisite:Successful Completion of French III/IV

Honors French IV/V students will develop increasingly advanced listening, speaking, reading, and writing skills. Students will improve their proficiency in all modes of communication while reading various Francophone texts, including a minimum of two French novels. Students will learn to express themselves using complex grammatical structures and a variety of advanced vocabulary. Culture is woven throughout the course to help the learners understand the people, geography and history of the French-speaking world. This course is taught entirely in French.

Spanish I

1 credit, 36 Weeks
Grade 8-12
Prerequisite: Recommendation for 8th Graders

Spanish I is designed for students beginning their study of the Spanish language. Students will develop basic proficiency in interpretive, presentational, and interpersonal communication through student-centered activities. Thematic and cultural units provide the context for the learning and permit students to gain knowledge of basic grammar and vocabulary. Cultural content is embedded into instruction. Students' home study and regular class participation in the target language are essential for success.

Spanish II

1 credit, 36 Weeks
Grade 9-12
Prerequisite: Successful Completion of Spanish I

Spanish II is designed for students who have successfully completed Spanish I. Students communicate about familiar topics in the present and past tenses. Students will gain proficiency in interpersonal speaking and writing,interpretive listening and reading, and presentational writing and speaking through the use of student-centered activities. Thematic units allow students to gain a greater appreciation of culture from the Spanish-speaking world. Students' home study and regular class participation in the target language are essential for success.

Spanish III

1 credit, 36 Weeks
Grade 10-12
Prerequisite: Successful Completion of Spanish II

Spanish III is designed for students who have successfully completed Spanish II. Students will continue to enhance their communication skills and are expected to develop intermediate proficiency in all modes of communication. Students will explore the culture of Spanish-speaking countries in greater depth. Students will read, view, and study selected authentic texts and media to develop greater linguistic and cultural proficiency, with a particular emphasis on written composition and oral communication skills. Spanish III is conducted primarily in Spanish and all students are expected to use Spanish as the primary language in the classroom. Students' home study and active participation in the target language are essential for success.

Honors Spanish IV/V

1 credit, 36 Weeks, Weighted Grade
Grade 11-12
Prerequisite:Successful Completion of Spanish III/IV

Honors Spanish IV/V students will develop increasingly advanced listening, speaking, reading, and writing skills. Students will improve their proficiency in all modes of communication while reading various Spanish language texts. Students will learn to express themselves using complex grammatical structures and a variety of advanced vocabulary. Culture is woven throughout the course to help learners understand the people, geographical locations, and histories of the Spanish-speaking world. This course is taught entirely in Spanish.

Business/Medical Spanish

.5 credit, 18 Weeks
Grade 11-12
Prerequisite: Spanish III

This course is designed to enable students to become acquainted with language and culture in the fields of business and medicine. The course is conducted in the target language and will appeal to students who have completed level III of Spanish, especially those who are planning to continue language studies in their post-high school plans. Ideal for those planning to enter the business or medical fields.

French Conversation Class

.5 credit, 18 Weeks
Grade 11-12
Prerequisite: French III

This course will focus on spoken communication and active listening to allow students to further develop their conversational skills in the French language. Course topics may include areas such as pronunciation, vocabulary and idioms.

Spanish Conversation Class

.5 credit, 18 Weeks
Grade 11-12
Prerequisite: Spanish III

This course will focus on spoken communication and active listening to allow students to further develop their conversational skills in the Spanish language. Course topics may include areas such as pronunciation, vocabulary and idioms.

Advanced Placement® Capstone™ Program

Advanced Placement® Seminar

1 credit, 36 Weeks, Weighted Credit
Grade 10-12
Prerequisite: Teacher Approval

AP® Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments.

Advanced Placement® Research

1 credit, 36 Weeks, Weighted Credit
Grade 11-12
Prerequisite: AP® Seminar and Teacher Approval

AP® Research, the second course in the AP® Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

Auburn Career Center Programs

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Allied Health Technology

Architecture & Project Management

Automotive Collision Repair

Automotive Technology

Business Management Technology

Computer Networking Technology & Cyber Security

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Criminal Justice & Security

Culinary Arts

Electrical Engineering Prep

Emergency Medical Services

Heating, Ventilation, & Air Conditioning

Interactive Multimedia

Internet Programming & Development

Mechanical Technology Applications

Mobile Applications & Technology

Patient Care Technician

Plant Turf & Landscape Management

Teaching Professions Pathway

Welding

Dental Assistant Technology

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