Keystone High School

Program of Studies
2018-2019

KEYSTONE LOCAL SCHOOL DISTRICT MISSION STATEMENT

Keystone, in partnership with our community, empowers ALL students to be global thinkers and successful lifelong learners through the delivery of relevant content via quality instruction.

BOARD OF EDUCATION
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Ms. Patricia Wakefield, Vice President
Mrs. Renee Mezera
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Mr. Dave Kish, Curriculum Director
Ms. Jackie Vance, Director of Special Education
Mr. Michael Resar, Chief Financial Officer
Dr. Donna Knight, Gifted Coordinator

KEYSTONE HIGH SCHOOL
Mr. James Kohler, Principal
Mrs. Gina Gibson, Assistant Principal
Athletic Director

COUNSELORS
Ms. Meghann Redd, Class of 2019 and 2021
Ms. Alyssa Schwedt, Class of 2020 and 2022

NON-DISCRIMINATION

The school district affirms that no person shall, on the basis of race, color, national origin, sex or disability be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity conducted under its auspices. This shall extend to employees therein and to admission thereto. Inquiries concerning the application of this policy may be referred to the Superintendent or designated coordinator. This policy shall prevail in all Board policies concerning school employees and students.

The Board designates:

Mrs. Gina Gibson
Title IX Coordinator
Keystone High School
(440) 355-2400

Mr. James Kohler
Section 504 Coordinator
Keystone High School
(440) 355-2400

Ms. Jackie Vance
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Keystone Local Schools
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Introduction

Planning a personal course of study is a challenging responsibility confronting students and their parents/guardians each year. Careful short and long-term planning, as well as wise selection of courses are essential. Students will have the greatest opportunity for success in their high school courses and in preparation for their future if consideration is given to the following:

1. Graduation requirements
2. Career goals/future plans
3. Abilities and interests
4. Previous school grades
5. Recommendations from parents, teachers and counselors
6. Course prerequisites
7. Willingness to study

Students are asked to project the courses they plan to take during their high school years on a four-year planning form. This pre-planning will help to insure that students achieve their educational goals. A copy of this form can be found at the conclusion of this document.

Students earn credit toward graduation for each course passed. The school uses a formal transcript to keep track of this credit; however, students are encouraged to keep a personal record of courses passed as well. It is the responsibility of the student to see that all graduation requirements are met.

Students must take a minimum load of courses to stay on track for timely graduation:

- Every freshman and sophomore must take a minimum load equaling 6 courses per semester.
- Every junior and senior must take a minimum load of 5 courses per semester.
- One study hall is suggested each semester.
- If a required subject is failed, it must be repeated as soon as possible.
- Students may not repeat a course that they have completed and passed in high school.
- Credits earned in an accredited summer school program will count toward graduation provided that an administrator and the student's school counselor have approved the credits in advance.
- Students should check the prerequisites for the courses they have selected to make sure that the courses are open to their grade level and that they have completed the necessary requirements.
- Students should review all the curricular requirements for graduation.

Keystone High School's Program of Studies is designed to increase parent and student awareness of the educational options available to students in high school. In addition, descriptions of course offerings are provided so that choices can be made that will best meet individual needs, abilities, interests and career goals. Before beginning to select courses for next year, students should review the information regarding requirements for graduation, the Honors Diploma, the College Credit Plus (CCP) program, Advanced Placement, college entrance recommendations, and the JVS programs. Remember, teachers and counselors are excellent resources and are available to answer questions. Please note that although this document contains many course descriptions, courses without adequate enrollment will not be offered during the upcoming school year.

Requirements for Graduation

Subject	Credits for Graduation
English Language Arts	4
Math (Including Algebra 1, Geometry, and Algebra II)	4
Social Studies (World History, American History, American Government, Economics/Financial Literacy)	3.0
Science (including 1 unit of Physical Science and 1 unit of Biology)	3
Business, Technology, or Foreign Language	1
Fine Arts	1
Health	0.5
Physical Education	0.5
Electives	5
Total Credits	22

A student graduating from an Ohio public high school will be awarded one of two types of diplomas, which are described below:

Keystone High School Diploma

- Successfully complete 22 credits as described above;
- Earn 18 points on the Ohio Department of Education's end-of-course assessments applicable to their graduation year.

Keystone High School Honors Diploma

- Same as KHS Diploma, however, students must also complete all but one of the criteria found on page 6.

Ohio Department of Education Point System for Graduation (Class of 2018 and Beyond)

Students who entered ninth grade for the first time in the 2014-2015 school year follow graduation requirements for the class of 2018. State testing requirements for these students includes one of three testing pathways:

Option #1: Students earn a cumulative passing score of 18 points, using seven end-of-course state tests. To ensure students are well rounded, they must earn a minimum of four points in math, four points in English, and six points across science and social studies. Four additional points are needed to meet the minimum of 18. End-of-course exams are:

- English Language Arts I and English Language Arts II
- Algebra I and Geometry (or Integrated Math I and II)
- Biology
- American History and American Government

Students studying Advanced Placement (AP) or International Baccalaureate (IB) courses in Biology, American History, or American Government may take and substitute test scores for end-of-course state exams to avoid double testing. Students may also substitute grades from College Credit Plus courses in these subjects for end-of-course state exams.

Students can earn 1-5 points on each of these tests, and students will be given multiple opportunities to take tests and earn points if necessary. Scoring for each assessment uses the following point system:

Limited	**1 point**
Basic	**2 points**
Proficient	**3 points**
Accelerated	**4 points**
Advanced	**5 points**

Option #2: Students earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment. Please contact the Lorain County Joint Vocational School at 440-774-1051, ext. 22230 to confirm which programs offer industry-recognized credentials.

Option #3: Students earn "remediation-free" scores in English language arts and mathematics on a nationally-recognized college admission exam. The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take the exam free of charge.

Scores for ACT		**Scores for SAT**	
Writing	18	Writing	430
Reading	21	Reading	450
Math	22	Math	520

More information can be found on the Ohio Department of Education's website, located at:
http://education.ohio.gov/Topics/Ohio-Graduation-Requirements

Graduation Policy

In order to participate in commencement exercises, students must meet all graduation criteria. Graduation criteria includes state testing mandates and credits earned per Keystone Board Policies. Students will be not be given their diploma or final transcripts until all financial obligations are met. Financial obligations may refer to such topics as class dues, textbook fines or losses, credit recovery fees, workbook fees, lab fees, activity funds and damage to school property. All unpaid fines and fees accumulate with students from year to year.

Academic Diploma with Honors (Revised Criteria)

Students must meet ***all but one*** of the following criteria, unless it is a minimum graduation requirement.
(Last update from ODE: April 2017)

Subject	Criteria
English	4 units
Math	4 units, including Algebra I, Geometry, Algebra II (or equivalent), and one other higher-level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including 2 units of advanced science; advanced science refers to courses that are inquiry-based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy).
Social Studies	4 units; students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement.
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied. Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as "Foreign Language Exploratory" can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements. If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.
Fine Arts	1 unit; Dance, drama/theatre, music and visual art courses all count as fine arts courses.
GPA	GPAs must be calculated on an unweighted 4.0 scale.
ACT/SAT	Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found on the ODE's web site, and further information can be found on the College Board's website. The ACT writing and SAT essay sections are not included.

Students in the classes of 2019 and 2020 may choose to pursue the academic honors diploma or career tech honors diploma under the *previously established criteria* or the *revised criteria* listed above. Students in the class of 2021 and beyond must meet the revised criteria to earn an honors diploma.

Academic Diploma with Honors (Previous Criteria)

Students must meet ***all but one*** of the following criteria, unless it is a minimum graduation requirement.
(Last update from ODE: January 2012)

Subject	Academic Diploma with Honors Criteria	Career-Technical Diploma with Honors Criteria
English	4 units	4 units
Mathematics	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content	4 units, including Algebra I, Geometry, Algebra II or the equivalent and another higher level course or a four-year sequence of courses that contain equivalent content
Science	4 units, including Physics and Chemistry	4 units, including two units of advanced science ****
Social Studies	4 units	4 units
Foreign Language	3 units (must include no less than 2 units for which credit is sought), i.e., 3 units of one language or 2 units each of two languages	N/A
Fine Arts	1 unit	N/A
Electives	N/A	4 units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post secondary credit
GPA	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT (excluding Writing)	27 ACT/1210 SAT	27 ACT/1210 SAT
Additional Assessment	N/A	Achieve proficiency benchmark established for appropriate Ohio Career Technical Competency Assessment or equivalent

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

½ unit physical education** ½ unit in American history
½ unit health ½ unit in government

* Writing sections of either standardized test should not be included in the calculation of this score.
** SB 311 allows school districts to adopt a policy exempting students who participate in interscholastic athletics, marching band or cheerleading for two full seasons or two years of JROTC from the physical education requirement.
**** Advanced science refers to courses in the Ohio Core that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with the new high school syllabi, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy), or contain material above the current OGT level.

Grade Placement

The following credits must be earned for student grade placement:

5 credits	Sophomore status
10.5 credits	Junior status
16.5 credits	Senior status

These guidelines should be viewed as minimums. In most cases, students will earn more credits than needed for placement to the next grade level. As a reminder:

- Every freshman and sophomore must take a minimum load equaling 6 courses per semester.
- Every junior and senior must take a minimum load of 5 courses per semester.
- One study hall is suggested each semester.

Course Recommendations for College-Bound Students

Students who plan to attend a public or private four-year college should plan to take course loads that will prepare them for the rigors of the college experience. Minimum graduation requirements do not necessarily meet admission requirements for many colleges.

College admissions officials consider the applicant's grades and test scores, class rank, some evidence of school or community leadership and/or service, and recommendations from teachers and counselors. Colleges vary in their selection criteria; therefore, students should contact the colleges of their choice for individual admission criteria. To enhance chances for admission to the university and academic program of their choice, students are encouraged to take the most rigorous curriculum available at KHS.

According to The College Board, "college admission officers want to see a solid foundation of learning that you can build on in college. To create that foundation, take at least five solid academic classes every semester. Start with the basics, and then move on to challenging yourself in advanced courses. The courses listed below should prepare you for success in college and beyond:

- English: Take English every year. Traditional courses, such as American and English literature, help improve your writing skills, reading comprehension and vocabulary
- Math: Algebra and Geometry help you succeed on college entrance exams and in college math classes. Take them early, so you'll have time for advanced science and math, which will help show colleges you're ready for higher-level work. Take some combination of the following: Algebra I, Algebra II, Geometry, Trigonometry, Calculus
- Science: Science teaches you how to think analytically and how to apply theories to reality. Colleges want to see that you've taken at least three years of laboratory science classes. A good combination includes a year of each of the following: Biology, Chemistry and/or Physics, Earth/Space Science. Schools that are more competitive expect four years of lab science courses, which you may be able to get by taking advanced classes in these same areas.

- Social Studies: Improve your understanding of local and world events by studying the cultures and history that helped shape them.
- Foreign Language: Solid foreign language study shows that you're willing to stretch beyond the basics. Many colleges require at least two years of study in the same foreign language, and some prefer more.
- The Arts: Research indicates that students who participate in the arts often do better in school and on standardized tests. The arts help you recognize patterns, learn to notice differences and similarities, and exercise your mind in unique ways. Many colleges require or recommend one or two semesters in the arts. Good choices include studio art, dance, music and drama.
- Challenging Coursework: To ready yourself for college-level work, enroll in challenging high school courses, such as honors classes, AP courses or IB-program courses. You may even be able to take college courses at your high school or a local college."

Source: "High School Classes Colleges Look For." *Big Future*, The College Board, bigfuture.collegeboard.org/get-in/your-high-school-record/high-school-classes-colleges-look-for

Athletics & Eligibility

Keystone Sports Eligibility

The Ohio High School Athletic Association sets eligibility standards. Any athlete who does not have a passing grade in a minimum of 5 credits the previous grading period will be ineligible. In addition, the Keystone Board of Education has adopted a policy stating that all athletes must maintain a GPA of 1.5 or higher. If a student passes 5 classes, but does not achieve a 1.5 or higher, that student will be on probation until interim reports, at which time their GPA must be above a 1.5 to remain eligible. Eligibility is determined after each grading period and is limited to those grades earned in that grading period. Summer school courses do not count toward athletic eligibility. **Athletes should schedule 6 classes per semester.**

For additional information about codes of conduct, participation fees, and other resources, please visit the Keystone High School Athletics website at keystoneschools.org/district/athletics, or contact the Athletic Director.

The NCAA

The National Collegiate Athletic Association, also known as the NCAA, is the organization through which many of the nation's colleges and universities speak and act on athletic matters at the national level. It is a non-profit, voluntary association of more than 1,260 school, conferences, organizations and individuals devoted to the sound administration of intercollegiate athletics. Its mission is to protect the best interests of student-athletes.

In 1973, the NCAA's membership was divided into three legislative and competitive divisions – Divisions I, II, and III. The most notable difference among the three divisions is that institutions in Divisions I and II may offer athletic scholarships, while Division III schools do not offer athletic scholarships.

As NCAA eligibility requirements are subject to change, student-athletes (especially juniors and seniors and/or parents), should (a) meet with their counselor each year, and (b) download an updated version of the *Guide for the College-Bound Student-Athlete:*

http://www.ncaapublications.com/productdownloads/CBSA18.pdf

Based upon yearly review, it may be necessary to initiate immediate schedule changes in order to satisfy the NCAA requirements for coursework, GPA< and/or standardized test scores.

NCAA Approved Courses at Keystone High School

NCAA-Approved Courses (as of November 2017)

English

English 9	English 10	English 11	English 12
Honors English 9	Honors English 10	Honors English A	Honors English B
LCCC ENGL 161	Science Fiction		
LCCC ENGL 162			

Math

Algebra 1	Geometry	Algebra III	AP Statistics
Algebra 1A (max credits – 0.5)	Algebra II	AP Calculus AB	Pre-Calculus

Science

Physical Science Applications		Chemistry	Introduction to Geology & Astronomy
Biology Applications		AP Chemistry II	Physics
Biology Honors		Environmental Science	
LCCC BIOG 161	LCCC BIOG 121	LCCC CHMY 171	
LCCC BIOG 162	LCCC BIOG 122		

Social Studies

World History	American History	American Government	
Honors World History	AP American History	AP Government & US Politics	
Economics/Financial Literacy	Global Issues	Psychology	Sociology

Additional Core Courses

Spanish 1	Spanish III	LCCC SPNH 151	LCCC SPNH 251
Spanish 2	Honors Spanish III	LCCC SPNH 152	LCCC SPNH 252

Class Rank and Grading

The following quality point scale is used to determine grade point averages. Honors/AP/CCP courses use the weighted scale, and all other courses use the unweighted scale.

LETTER GRADE	PERCENTAGE	UNWEIGHTED	WEIGHTED
A+	100-99	4.33	5.33
A	98-93	4.0	5.0
A-	92-90	3.67	4.67
B+	89-87	3.33	4.33
B	86-83	3.0	4.0
B-	82-80	2.67	3.67
C+	79-77	2.33	3.33
C	76-73	2.0	3.0
C-	72-70	1.67	2.67
D+	69-67	1.33	2.33
D	66-63	1.0	2.0
D-	62-60	.67	1.67
F	59-0	0	0

Class rank and GPA are based on weighted semester grades. KHS transcripts indicate grade point averages on both an unweighted and weighted scale. Honors diplomas are determined by un-weighted grades.

Selection of Class Valedictorian and Salutatorian

The Keystone High School Principal will determine the selection of the class Valedictorian and Salutatorian. The determination is based on the calculation of the cumulative GPA at the conclusion of the first semester of the senior year.

Schedule Changes

Schedule changes will be kept to a minimum. Students have never had as much flexibility in planning their schedules as they do now. However, in order to plan staff and facilities within a public school system, it becomes necessary for commitments made by the students to be binding.

Schedule changing is an accommodation to the student, not an obligation of the school, and will be considered only when the changes serve some constructive purpose. The following guidelines are to be followed:

1. All schedule changes, including second semester changes, must be made prior to the start of the school year. Schedules will be posted online via PowerSchool prior to the beginning of the school year. Schedule changes may be requested only during this time period, and a parent/guardian appointment with a school counselor may be required.
2. Students registering for a year-long course are obligated to remain in that course for the entire year regardless of grades received the first semester.
3. Certain changes in student schedules may be initiated by the office due to:
   - Technical error
   - Courses failed the preceding year
   - Summer school credits earned
   - A required course is needed
   - Study halls need to be balanced (one per semester)
4. If there has been an inappropriate placement and a parent/guardian wishes to request a change, a process is required. A meeting with the principal to review the placement and to make a decision must take place.

Dropping a Course

Withdrawing from a course after the first three days of the school year will result in failure of that course for the remainder of the school year. Dropping a course must not reduce the student's total schedule to fewer than 6 classes for freshmen and sophomores, or fewer than 5 classes for juniors and seniors, not including Physical Education, per semester. Requests to change teachers or lunch periods will not be permitted. Students should always consider the effect of course reduction on their Athletic Eligibility.

Credit Recovery

Students who fail a course are encouraged to see their school counselor immediately. Plans will be made for credit recovery, summer school, or a repeat of the course during the next school year.

A summer school class or credit recovery course may be taken under the following circumstances:

- Failure of a course
- Make-up because of illness

Credits earned in an accredited high school summer program or KHS Wildcat Academy will be counted toward graduation only with signed, prior approval from the principal and/or counselor at Keystone High School. Students must get permission before enrolling in summer or credit recovery classes. The cost of credit recovery is $200 per student, per calendar year.

Flex Credit

Flex credit is any alternative coursework, assessment or performance that demonstrates proficiency needed to be awarded equivalent graduation credit as approved by the school district. Approved credit awarded through this policy will be posted on the student's transcript and counted as either required graduation credit in the related subject or as an elective. An application process and presentation to school faculty is required. Students interested in Flex Credit should see their school counselor.

Awards

HIGH HONOR, HONOR, MERIT ROLL REQUIREMENTS (Based on unweighted grades)

HIGH HONOR ROLL (4.0):

A student who earns all A's in all subjects during a nine-week grading will be listed on the High Honor Roll.

HONOR ROLL (minimum 3.5):

A student with a grade point average of 3.5 or above in all subjects during a nine-week grading period will be listed on the Honor Roll. All Subjects are to count equally with no grade lower than a "B-".

MERIT ROLL (minimum 3.0):

A student with a grade point average of 3.0-3.49 in all subjects during a nine-week grading period will be listed on the Merit Roll. All Subjects are to count equally with no grade lower than a "C-".

At the conclusion of each school year, Keystone High School hosts an Academic Awards Day assembly. The following awards are presented:

FIRST YEAR ACADEMIC AWARD:

The first year award is given to those students who have demonstrated a commitment to academics by being on the Merit, Honor, or High Honor Roll, with a 3.0 grade point average or above, for each of the first three quarters of the school year. In addition, these students have had no quarter grades below a C-.

SECOND, THIRD, AND FOURTH YEAR ACADEMIC AWARD:

The second, third, and fourth year award is given to those students who have maintained their grade point average by being on the Merit or Honor Roll for the first three quarters for two, three, and/or four of their high school years. In addition, these students have had no quarter grades below a C-.

Special Programs

SENIOR RELEASE

Students that are a part of the senior class will be considered for Senior Release. These students must have all passing grades and a 2.5 GPA in the preceding quarter, paid all fees, and maintain a good behavior and attendance record to be afforded the opportunity to leave school grounds when they are not scheduled for a class. Community service hours through the Senior Giveback program may also be required. These students will need to have a Senior Release form on file in the main office. A student must qualify for this privilege at the end of each quarter for the upcoming quarter. Only one Senior Release period will be granted each day.

SENIOR WORK DISMISSAL PERMIT

Any senior at KHS who is at least sixteen years of age and has been issued a work permit may apply for the senior work dismissal. School responsibilities must be fully met before the Administration will approve an early dismissal for any student. The student must already be scheduled for a study hall the last period of the day. Students will not receive preferential treatment in scheduling. Forms to apply may be obtained in the main office. The form must be completed by parents or guardians of the student, the student, and the employer.

KHS INTERNSHIP

Students in 11th or 12th grade have the opportunity to earn internship credit by shadowing and working with a professional in an area that will benefit their future career endeavors. Internship sites in the past have included Keystone Pointe, but a student may submit a proposal for another local business. If the site and schedule is approved by the KHS administration, students can earn **.5 credits a semester for 50 hours of participation**. Students must keep a time log, compose a written report, and have a sponsor evaluate them in order to earn credit. For more information, students and parents should contact their school counselor or an administrator.

WORK STUDY PROGRAM

Participation in the work-study program requires teacher placement.
In the junior year, a student may earn 1 credit for work-study by completing 160 clock hours of community work experience. Students who have incorporated this component into their IEP may be eligible for early release from school. The amount of time a student may be released early from school

shall be commensurate with the amount of credits issued for work-study. (1 credit = 1 period of early release)

In the senior year, a student may earn 1 to 4 credits for work-study, depending upon the total accumulation of clock hours:

1 credit = 160 clock hours
2 credits = 320 clock hours
3 credits = 480 clock hours
4 credits = 640 clock hours

Seniors who are involved in the work-study program may also earn 1 credit for Senior Seminar. Students will meet with the Work-Study Coordinator to address transitional needs such as independent living skills, which include budgeting or work related issues.

WILDCAT ACADEMY

Wildcat Academy provides a student a way to graduate from high school using a non-traditional path. This is an alternative, online-based program for students who either have a medical concern or have exhausted all other options to graduate from the traditional face-to-face school program. Students assigned to Wildcat Academy must adhere to the guidelines set forth in the student handbook. This includes but is not limited to the following: student responsibilities, attendance, curriculum, student discipline and the technology Acceptable Use Policy. In addition, each student and their guardian must agree to the procedural requirements stipulated by the program, set up a conference with a counselor and an administrator, and then sign the consent form.

ADVANCED PLACEMENT (AP) AND HONORS COURSES

Honors and Advanced Placement courses place emphasis on a student's own motivation, discipline, time management, study skills, and ability to self-direct his/her own education. These courses are weighted due to their increased rigor and expectations.

A student must successfully complete prerequisites for the course and maintain a high level of performance. An Advanced Placement student must accept additional responsibilities and commitment. **The AP Courses are designed to be the equivalent of a first-year college course. As such, the curriculum and expectations are of a high level. One of the Keystone expectations for AP is participation by all students in the national AP exams administered in May. The cost for each AP test is paid by the student/family.** Exams are given in May on predetermined dates established by the College Board. Advanced Placement offerings at KHS include:

- Statistics
- Calculus AB
- American History
- American Government
- Chemistry II
- Environmental Science
- Students taking Honors English in 11th and 12th grade are also given opportunity to take an AP Exam.

Students and parents should be very sensitive to the demanding nature of Advanced Placement courses. Expectations for these classes are extensive. Students will be asked to be involved in college-level activities. Students should carefully determine the number of Advanced Placement courses they are capable of successfully completing in a school year.

COLLEGE CREDIT PLUS

A student enrolled at Keystone High School is eligible to participate in the College Credit Plus program. This is an opportunity for students to take classes at a qualified post-secondary institution, such as Lorain County Community College. Some CCP courses are offered by LCCC on our Keystone High School campus. These courses are indicated within each department's course descriptions. In addition, sample pathways for earning 15-30 college credit hours during four years at KHS are also indicated.

It is important to note that any eligibility requirements for CCP courses apply to on-site courses as well. Students interested in pursuing these rigorous academic courses must meet Keystone High School graduation requirements, plus any enrollment requirements set forth by LCCC. This includes certain scores on LCCC's ***ACCUPLACER*** (formally COMPASS) assessment.

The legislation for this program requires that parents and students receive academic counseling regarding the program, and that a letter of intent for the 2018-2019 school year be submitted to the Counseling Office no later than **March 29th, 2018.** (Also known as the Intent to Participate form.) The LCCC application must be completed no later than **June 1st, 2018.** We ask that parents or guardians attend an informational meeting held in January of the preceding college school year.

Accepted students are responsible for completing course registration forms with their high school counselor ***before*** they can enroll in any college courses. To qualify for admission, the student must also be college-ready as demonstrated on the college/university's accepted entrance exam. Lorain County Community College accepts the ACCUPLACER test or ACT/SAT scores.

Per HB 487, College Credit Plus courses must receive the equivalent weight as any weighted course within a given content area.

Students may not participate in the CCP program beyond his/her anticipated graduation date. If a student fails or withdraws a CCP course after 14 days, including an on-site CCP course, the student must pay for the expenses.

See a copy of the CCP Intent to Participate form on the next page.

CCP INFORMATION: INTENT TO PARTICIPATE

Accepted students are responsible for completing course registration forms with their high school counselor before they can enroll in any college courses. To qualify for admission, the student must also be college ready as demonstrated on the college/university's accepted entrance exam. Lorain County Community College accepts the **ACCUPLACER** or **ACT/SAT** scores.

Students who withdraw or earn an "F" in any College Credit Plus Course (held either at the college or at Keystone High School) will be charged the full cost of the course. The cost is the college/university's hourly rate (approximately $118.00 per credit hour).

Guidelines

1. **Program Eligibility:** Student must be a 7th through 12th grader and meet all requirements that the college or university requires for admission. LCCC requires ACCUPLACER or ACT/SAT test scores to be college ready.

THE STUDENT MUST MAINTAIN THE COLLEGE OR UNIVERSITY'S REQUIRED GPA TO CONTINUE IN THE PROGRAM.

2. **Financial Arrangements:**
   Tuition and books are covered by the school
   Books MUST be returned to LCCC or the high school (for an onsite course)
   Students will be charged the "prorated" cost of the course if he/she **WITHDRAWS** from the course.
   Students will be charged the full cost of the course if he/she **FAILS** the course for any reason. This is for all courses taken either at LCCC or at KHS.

3. **Academic Credits:** College Credit Plus classes will receive the equivalent weight as any weighted within a given content area.

4. **Transportation:** Students must make arrangements.

5. **Support Services:** Student must work with LCCC.

6. **Scheduling:**
   Must take the ACCUPLACER test at LCCC or take the ACT/SAT.
   KHS will work with the student on an individual basis to meet all graduation requirements.
   Transfer Module Courses are recommended.
   MUST meet with an LCCC advisor.
   Dropping a course can be a problem with KHS schedule.

7. **Graduation Requirements:** All KHS graduation requirements must be met through courses taken at the high school, LCCC or a combination of both.

8. **Academic and Social Responsibilities:** Students are responsible for seeking help at the college level. Students may still participate in high school activities.

9. **INTENT TO PARTICIPATE:**
   Must sign Intent to Participate by March 29th, 2018.
   Must return application BEFORE May 15th in order to process before school ends.

Fail/Withdraw Billing Notification

I understand that by failing/withdrawing from any CCP course(s), I will be charged for the course at the rate the college/university bills the school.

COLLEGE CREDIT PLUS SAMPLE PATHWAYS

15 Credit Hour Pathway:

- English – College Composition I — 3 credits
- Mathematics — 4 credits
- Humanities (Literature, Religion, Philosophy) — 3 credits
- Social Science (Psychology, Sociology, Anthropology) — 3 credits
- Physical Education — 2 credits

30 Credit Hour Pathway (includes 15 hour pathway above):

- English – College Composition II — 3 credits
- Science Lecture (Biology, Geology, Chemistry) — 3 credits
- Science Lab — 1 credit
- Mathematics — 4 credits
- Fine Arts (Art, Music, Drama) — 4 credits

LORAIN COUNTY JOINT VOCATIONAL SCHOOL (JVS)

Students may elect to complete their junior and senior years in one of several two-year vocational programs at the JVS. The application process begins in the second semester of the sophomore year. Acceptance into these programs is based on points awarded for attendance, grade point average, and successful completion of some recommended courses taken in the freshman and sophomore years. Students opting to attend the JVS are still considered Keystone High School students, although all coursework is completed at the JVS campus.

In addition, the JVS offers a full-time 9th grade program (Career Readiness Program) and a full-time 10th grade program (Career Exploration Program). The Career Readiness Program is designed for students who would excel in a hands-on career-based high school experience. Students in the Career Readiness Program are placed in a structured lab setting to help them develop the skills and knowledge necessary for acceptance into our career-technical programs as juniors and seniors. Students will spend four quarters in the Career Readiness Program, where through the use of different types of equipment, projects and career modules they will learn appropriate safety procedures and obtain a variety of skills that will help them focus on a successful career choice. To be considered for this program a student must have a school counselor recommendation and a JVS application on file

Upon completion of the Career Readiness Program, students can apply to the 10th grade Career Exploration Program. Career Exploration students may rotate through four different career-technical labs, spending up to nine weeks in each. Students in the Career Exploration Program may also be placed in a structured lab setting to help them develop skills and gain the knowledge necessary for placement in the career-technical labs.

After completion of the Career Exploration Program, students will focus on a career choice that will enable them to apply to a two-year career-technical program. Students qualified to enroll in this program are: 15 years old and have 3-6 high school credits. To be considered for this program, students must have a school counselor recommendation and a JVS application on file. Upon successful completion of the Career Exploration Program, students can apply to a two-year career-technical program.

COLLEGE TECH PREP AT JVS

College Tech Prep (CTP) programs are a unique educational option for the last two years of high school. It is designed for students who plan to go to college – but who want to actually *experience* a particular career before investing in college.

The program combines traditional, college-preparatory academics with intense lab facilities. Half of the day is normally spent at the home school for academics. The other half of the day is spent at the Lorain County JVS.

Learning in CTP programs is hands-on and challenging, with the opportunity to earn articulated college credit for work completed at the high school level. Students best suited for CTP are those who are **active, experiential learners; who like building, designing, and "tinkering", and who learn best by applying their knowledge to real-life situations.**

Enrollment in CTP programs is competitive, and generally requires:

- A solid GPA (approximately 2.5 or above)
- Completion of Algebra I and Geometry with a "C" or better in Geometry
- Passage of all State tests up to 10th grade
- Junior standing at the end of 10th grade
- Completion of Biology with a "B" or better (Allied Health Services only)

Program Options:

- Allied Health Services
- Digital Media Arts
- Network Communications Technology
- Project Lead The Way (PLTW)

For additional information on the College Tech Prep option, contact a high school counselor, a JVS counselor, or log onto lcjvs.com.

TEACHER EDUCATION EXPLORATION PROGRAM (TEE) AT JVS)

Semesters: 2 **Credit: 4.0**

Prerequisite: Senior status in good standing (minimum 2.5 GPA)

The Teacher Education Exploration Program (TEE) student will have the opportunity to participate in and explore the possibility of a career in teaching. TEE classes will include teacher training, preparation of lesson plans, and practice teaching. The academic portion of the student's day is held at Keystone High School, but the actual TEE classes are taken at the Lorain County Joint Vocational School one day per week. This will include a total of 4 classes, with one course that is completely online. During the other four days of the week, **students will intern in all grade levels from kindergarten through high school within the Keystone Local School District for three periods of the school day. Each placement will last approximately four weeks.** Students will receive three elective credits for the TEE program.

Program highlights include the goals of:

- Ensuring college readiness and exposure to college.
- Providing education related to teaching and learning.
- Providing internship experience under the guidance of an experienced teacher.
- Promoting a positive attitude towards teaching.

Juniors who are taking a college preparatory curriculum may apply to the TEE program for their senior year. In order to be considered for the program, students must have passed all state required testing, passed all courses required for timely graduation, have a minimum 2.5 GPA, and have a good attendance record. They must also be recommended by a teacher/counselor and be **responsible for their own transportation to JVS and to interning sites.** Applications are available in the Keystone High School Counseling offices after first semester.

Lorain County Joint Vocational School Academy Programs

BUILDING TRADES ACADEMY

Carpentry: Carpentry students learn basic carpentry skills to repair, construct, and remodel buildings and homes in a real-world practical setting. The program includes the layout of floors, walls and rafters, framing, stairway construction, and interior / exterior trim and finish.

Heating & Air Conditioning: Heating and Air Conditioning students learn to install and repair air conditioning and heating units used in homes, offices and businesses. They lay out and fabricate duct work, electrical components, and pipe fittings. During the senior year, students have the opportunity to take the Environmental Protection Agency (EPA) test for handling refrigeration to receive EPA certification.

Industrial Electricity: Industrial Electricity students maintain and install motors, transformers, control instruments, lighting systems and many other different types of electrical equipment used in industrial and residential settings. Students also learn about computer programmable controls, conduit bending and installation of commercial and industrial wiring.

Masonry Trades: Masonry Trades students learn the basics of working with brick, block, stone and concrete as well as other materials such as marble, glazed tile and structural tile. They are taught to use hand tools and bonding materials as they learn to construct walls, partitions, fireplaces, and chimneys.

BUSINESS & MARKETING ACADEMY

Digital Media Arts: Students in the Digital Media Arts program learn the fundamental principles and processes of computer-based design using a variety of traditional and non-traditional media with an emphasis on problem-solving and creative exploration. Using such media as high-definition video, sound, animation, installation art, print and digital photography, students work in a digitally integrated computer lab and studio environment to gain hands-on experience. Students apply color theory, visual design and conceptualization to project-based assignments that focus on growing their skill sets and technical abilities, while building a portfolio for post-secondary and internship opportunities.

Throughout the two-year program, students have the opportunity to apply their knowledge and critical analysis skills by participating in student critiques. Using industry-standard hardware and software, students will create digital content that can be applied to a career in video/film production, 2d/3d animation, photography and print media.

Marketing & Management: Students will develop and implement marketing and management strategies and techniques. They will develop digital and social media promotions. Students will

learn the aspects of operating a business by managing the school's Corner Shoppe. Sports, entertainment and fashion marketing and management will also be emphasized.

Network Communications Technology: Network Communications Technology students become skilled in finding and fixing problems for large companies and individual computer owners. They learn to link computers in a business to one another and how to troubleshoot to repair computer networks. Students learn to use components, which allow the transfer of information on the network.

Web & Graphic Design: Students will become skilled in transforming photographic images through the use of software photo editing techniques and digital cameras. Visual design principals and technical art skills come into play when learning to design, develop, and produce interactive media projects, websites, graphics, animation, game design, and social media contexts.

CULINARY ACADEMY

Bakery & Pastry Arts: Students learn the basic techniques of baking and then move into more advanced methods working with marzipan, chocolate and meringues. The science of baking is included in the course as well as sanitation procedures and safety practices. Students work in an on-site bakery with the most modern equipment as they train for a career in the industry.

Culinary Arts: The Culinary Arts program trains students in all areas of the demanding and competitive world of food service. Basic cooking techniques, baking, salad preparation, cafeteria operation and advanced culinary skills are taught by chef instructors and guest chefs. Students operate a full-service restaurant in their senior year and cater functions before, during and after school.

MANUFACTURING ACADEMY

Computerized Design & Drafting: These students prepare detailed technical drawings used to build everything from spacecraft to bridges to buildings. Students learn both manual and computer drafting skills working with software packages including AutoCAD, SolidWorks, Inventor, and Revit Architecture. They learn problem-solving techniques and precision measurement.

Precision Machine Technology: Students use lathes, drill presses, milling machines, and hand tools to make parts or one-of-a kind items for companies who produce everything from cars to computers. Math instruction is related to part dimensioning, tool geometry, speed and feed calculations, and quality control. An emphasis is placed on bench work and heat treatment of various metals. The use of computer numerical control (CNC) equipment is covered during the senior year.

Welding & Fabrication: Students are trained in all processes of welding including stick, Metal Inert Gas (MIG), Tungsten Inert Gas (TIG), and flux core. The goal of the program is to obtain as many American Welding Society (AWS) certifications as possible. Students will gain knowledge of oxyfuel and plasma arc cutting. Customer projects are an important part of the program; students learn to layout, fabricate and weld actual projects to industrial standards.

TRANSPORTATION ACADEMY

Auto Technology: Students are instructed in diagnosis, repair and adjustments of all phases of automotive mechanics. Instruction covers work on both gas and diesel engines. Students use the latest automotive testing equipment including computerized diagnostic equipment.

Collision Repair: Students work on vehicles requiring frame and body straightening, welding, refinishing, and painting. Training includes replacing glass, installing upholstery, estimating costs of parts, labor and preparation of insurance forms.

Commercial Truck Technology: Commercial Truck Technicians repair and maintain diesel engines that power transportation equipment such as heavy trucks and buses. In addition to basic skills such as welding, using oxyfuel equipment and digital electronics, students learn to service, repair, and maintain vehicles using hand and power tools as well as modern computer diagnostics.

Industrial Equipment Mechanics: Students repair and maintain gasoline and diesel systems that power such items as agricultural equipment, bulldozers, cranes, and forklifts. Also covered is small engine repair such as lawn and garden tractors and recreational equipment.

SERVICE ACADEMY

Allied Health Sciences: Allied Health Sciences students get a solid foundation to begin health and medical careers. This program integrates rigorous academic preparation with hands-on technical instruction. Students are exposed to a wide variety of careers as they explore roles of many health care related jobs, and are trained and educated to be successful in those careers. They will learn about medical ethics, infection control, safety, body mechanics, nutrition, communication, employability skills, teamwork, and professionalism. College credits are available upon successful completion of this program.

Cosmetology: Cosmetology students receive instruction and hands-on training in the art and science of hair, skin and nail care. Students receive technical, practical and customer service skills in both a classroom and salon environment. Seniors operate a full-service salon open to the public and are required to take the Ohio State Board Exam for license.

Early Childhood Education: Early Childhood Education students work with children ages three to five years old in a preschool classroom. They plan, conduct and evaluate developmentally appropriate activities based on a weekly theme. Students may also gain experiences working with infants, toddlers, and children in local daycare centers, Head Start Programs, elementary schools and latchkey programs. Students have the opportunity to earn 120 classroom hours towards a National Child Development Associate Certification.

Landscape & Greenhouse Management: Students are introduced to diversity of career opportunities within the year-round green industry. They learn aspects of landscape design, greenhouse management and production, equipment operation and maintenance, golf course and sports turf management, floral design, garden center operation, customer service and business management.

Public Safety: A wide variety of practical learning experiences and related classroom activities help prepare students for careers in public safety and protective services. In addition to careers in the security field, the Public Safety Program prepares students to take the Ohio Firefighter I Certification test and the National Registry Exam for EMT certification. Students have the opportunity to earn several additional professional certifications during this two-year course of study.

Sports, Health, & Fitness Technology: Sports, Health and Fitness Technology is a two-year program for students interested in pursuing careers in the Fitness, Sports Medicine, and Therapy industries. The technical focus of the program is on anatomy, exercise physiology, strength and conditioning, nutrition, medical terminology, sports medicine and therapy techniques.

In addition, a core body of knowledge (e.g., communication, group-collaboration, legal and ethical, health and safety) is provided to prepare students for the 21st century. Students transitioning to post-secondary education will receive reinforcement and additional training in these areas. The curriculum is driven by industry standards which prepare students for a variety of certifications/licenses.

Programs Requiring Special Recommendation:

Career-Based Intervention (12th Grade Only)
Career Readiness Program (9th Grade) & Career Exploration Program (10th Grade)
Hospitality Services – A or B
Job Training Program Maintenance Services

Keystone High School Course Descriptions

Art

ART I

Semesters: 1 **Credit: .50**
Prerequisite: None

This course is intended for the student interested in improving his/her ability to work with various materials and tools. It provides opportunity for self-expression, emphasizes quality workmanship and includes experiences in tempera painting, pen & ink, ceramic clay pottery, linoleum printmaking, sculpture and pencil drawing. Descriptive interpretation in a wide variety of media is also included. A sketchbook, written report and homework of a research nature may be assigned.

ART II

Semesters: 1 **Credit: .50**
Prerequisite: Art I

This course is for the student interested in improving his/her ability to work with various materials and tools. It provides opportunity for self-expression emphasizes quality workmanship and includes experiences in watercolor, advanced color study, perspective, portraiture, clay sculpture, lettering, acrylic painting and cartooning. A sketch book, written report and homework of a research nature may be assigned.

CERAMICS

Semesters: 1 **Credit: .50**
Prerequisite: None

This course is structured to provide a basic foundation of clay users. Projects include hand built sculpture, hand built containers and potter wheel. Decoration with glazes will be explored.

CERAMICS II

Semesters: 1 **Credit: .50**

Prerequisite: 80% average in Ceramics

This class is an extension of the Ceramics class. Projects will include hand-built containers, hand-built sculptures, and use of the pottery wheel. Decoration with glazes will be explored. The ability to work independently and with high quality of clay construction and use of glazes will be emphasized. A research paper on a ceramic artist, the business of ceramics, or ceramic technology may be explored.

DRAWING & PAINTING

Semesters: 1 **Credit: .50**

Prerequisite: None

The student will explore a basic approach to drawing from nature, portraits, figure, still life, and perspective using several drawing techniques and art elements. Different drawing media will be utilized, such as pencil, pen and ink, charcoal, pastels, and markers in a variety of assignments designed to train the artist and stimulate imagination. Different painting media will expand upon the drawing techniques and assignments. Painting media used includes watercolor, acrylic, tempera, collage, and mixed media. A sketchbook, written report, and homework of a research nature may be assigned.

STUDIO ART I

Semesters: 1 **Credit: .50**

Prerequisite: Have taken 3 of the following art courses: Art I, Art II, ceramics, drawing and painting with a 3.5 average in those courses. Must be senior status, sign a studio Art contract and have a portfolio review by art teacher.

This advanced studio course is structured to permit students to pursue their artistic direction. There will be portfolio preparation for those seeking a career in this field or for further training in a professional school. Those taking the course for credit or other reason may pursue areas of special interest as well as continue to work in areas of advanced design, color drawing, painting and crafts. A sketch book, one written report and homework of a research nature may be assigned.

STUDIO ART II

Semesters: 1 **Credit: .50**

Prerequisite: Studio Art I Studio Art II will be a continuation of Studio Art I.

Business and Technology

COMPUTER APPLICATIONS

Semesters: 1 **Credit: .50**

Prerequisite: None

This is an entry-level technology class that will teach the students basic and intermediate skills in Google docs, spreadsheets, slides, web design, video editing, photo editing, and programming. Students will finish this course with a broad experience with technology that they will use in high school, college, and/or their careers. .

DIGITAL DESIGN

Semesters: 1 **Credit: .50**

This course is a beginning to intermediate class in video and photo editing. In this course, the students will use Adobe Photoshop and Adobe Premiere to bring their film and photography ideas alive. Students will learn how to properly take a photo and video, then edit it to fully enhance it.

LCCC CISS 121, MICROCOMPUTER APPLICATIONS

Semesters: 1 **Credit: 1.0 high school credits, 3 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT.

Introduction to microcomputer applications. Survey of application packages including Windows, word processing, spreadsheets, Internet, presentation and graphics. Includes hardware concepts and basic computer terminology and e-mail. Guidelines for selecting and evaluating hardware and software. Laboratory required. A special fee will be assessed.

BROADCAST MEDIA

Semesters: 2 **Credit: .50 each semester**

Prerequisite: 2.0 GPA and successful completion of English 9

This course is designed to teach the students about the media industry, including taping, video and audio editing as well as project management. This class will be responsible for producing school announcements. This class may be taken multiple times for credit.

COMPUTER SCIENCE

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Completion of Algebra II

Computer Science gives students the opportunity to engage with computer technology to express creativity, communication and problem-solving. Students will gain experience with website development, animations, games, computing, application creation and programming. They will also learn valuable skills needed to succeed in technology such as problem solving, the design process, and the workings of the internet, digital information and data. This course is ideal for anyone that wishes to learn more about technology and gain 21st century skills.

INTRODUCTION TO ACCOUNTING

Semesters: 1 **Credit: .50**

Prerequisite: None

This course provides the basics of accounting and money management. The students will learn how to manage finances through the accounting cycle. They will journalize entries and create financial reports.

ACCOUNTING II

Semesters: 1 **Credit: .50**

Prerequisite: Introduction to Accounting

This course provides a more in depth study of accounting. The students will manage more complex business transactions and reports. The students will also gain experience in analyzing businesses and create a business analysis.

LCCC BADM 155: INTRODUCTION TO BUSINESS ADMINISTRATION

Semesters: 1 **Credit: 1 high school credit, 3 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT.

An introduction to the nature of the business environment with an exploration of the various business functions.

Career Education

CAREER READINESS

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Freshmen status only

This is a freshman-level course that offers students a chance to explore their skills, aptitudes, passions, and interests to help them self-discover possible careers. The class also has a heavy emphasis on personal finance, including budgeting, that is designed to give students a reality-based look at what they want in life and what they need to do to be able to afford that lifestyle. Finally, this class includes a hands-on component that allows students to design, build, test, and compete with other students in such areas as bridges, cranes, houses, and CO2 cars.

CAREER EXPLORATIONS

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Sophomore status only

This is a sophomore-level course that offers students the opportunity to delve further into their career interests. Guest speakers, field trips, JVS tours, and shadowing are all utilized to help the students discover more about the daily requirements of their chosen careers. Students will also learn soft skills that will help them be better suited to apply for and obtain a job.

English

ENGLISH 9, 10, 11, AND 12

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Successful completion of previous years' English course.

These courses are designed to prepare students to be advanced in verbal, writing, and reading skills. To accomplish this, students will read a variety of print and non-print texts to construct an understanding of themselves and their world. Students are expected to complete readings which will expand their notion of self, their culture, and other cultures. These courses will also provide the necessary skills for success in college or the workplace, providing numerous opportunities for the acquisition of information. These readings will be reinforced and extended by multiple writing assignments addressed to various audiences and purposes. These writings will focus on literary analysis, research, and other forms of expository writing. Students will also learn a variety of grammatical rules and structures that will help make their communication clear and effective. As students advance, each year will provide an increased emphasis on critical and higher level thinking skills, fostering each student's ability to use language to accomplish his or her own goals. Students may be required to purchase supplemental materials, such as paperback novels.

HONORS ENGLISH 9

Semesters: 2 **Credit: .50 each semester**

- **This course is weighted on a 5.0 scale.**

Prerequisite: Students selected will be those with the highest:

1. *Grades, averaged from the Reading and Language Arts' classes in eighth grade*
2. *Recommendation of the English Department*
3. *Eighth grade achievement test results*

Honors English 9 is a course for students who have shown outstanding performance in previous language arts classes. This course is more demanding and challenging than regular freshman English courses. This course explores various forms of both literature and composition and will include a review of the structure and usage of language. A summer reading project may be requested. Students may be required to purchase supplemental materials such as paperback novels.

HONORS ENGLISH 10

Semesters: 2 **Credit: .50 each semester**

- **This course is weighted on a 5.0 scale.**

Prerequisite: Students selected will be those with the highest:

1. *3.5 unweighted GPA in Honors English 9 or a 4.0 unweighted GPA in English 9*
2. *Recommendation from 9th grade English teacher.*

Honors English 10 is for academically talented students who have shown superior performance in previous English classes. Students will read various forms of world literature and practice writing both expository and creative compositions. The course will also include a review of the structure and usage of language. A summer reading project may be requested. Students may be required to purchase supplemental materials such as a paperback novel.

HONORS ENGLISH A

Semesters: 2 **Credit: .50 each semester**

This course WILL NOT be offered in the 2018-19 school year.

- **This course is weighted on a 5.0 scale.**

Prerequisite:

*Students should have either attained junior or senior status **and** have received a teacher recommendation or have completed LCCC ENGL 161 and 162.*

Honors English A is a course for college-bound students who are capable of doing college-level work in English while in secondary school and who are willing to devote the energy necessary to complete a more rigorous and demanding course. The course includes British literature from its Anglo-Saxon beginnings to the present day. The purpose is to illustrate how literature reflects the social, religious and political events of the times. An overview of significant authors of Western literature from its beginning to the present day may also be included. Emphasis in the course will be placed on reading, theme writing, research techniques, research paper writing, critical thinking and analysis and independent study. Students may be required to purchase supplemental material such as paperback novels. A summer project may be requested. Students are eligible to take A.P. test at course end.

HONORS ENGLISH B

Semesters: 2 **Credit: .50 each semester**

This course WILL be offered in the 2018-19 school year.

- **This course is weighted on a 5.0 scale.**

Prerequisite:

Students should have either attained junior or senior status and have received a teacher recommendation or have completed LCCC ENGL 161 and 162.

Honors English B is a course for college-bound students who are capable of doing college-level work in English while in secondary school and who are willing to devote the energy necessary to complete a more rigorous and demanding course. The course includes American literature from early American beginnings to the present day. The purpose is to illustrate how literature reflects the social, religious and political events of the time. Emphasis will be placed on reading, writing, vocabulary, research techniques critical thinking and analysis and independent study. Students will be required to purchase supplemental materials such as paperback novels. A summer project may be requested. Eligible to take A.P. test at course end.

LCCC ENGL 161, COLLEGE COMPOSITION I

Semesters: 1 **Credit: 1 high school credit, 3 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT.

An introduction to fundamental college-level skills in academic reading and writing. Summary, analysis, synthesis and research documentation are emphasized, along with critical thinking and collaborative learning. English core course.

LCCC ENGL 162, COLLEGE COMPOSITION II

Semesters: 1 **Credit: 1 high school credit, 3 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT.

A writing course continuing the practice of skills introduced in ENGL 161, as well as strategies of argumentation and secondary research leading to a research paper. English core course.

SPORTS IN LITERATURE & FILM

Semesters: 1 **Credit: .50**

Prerequisite: Sophomore standing or above with a 2.5 GPA

This semester course will explore the physical, sociological, and psychological effects of sports as they are depicted in film and in literature. Students will engage in discussion of controversial topics in sports, learn the origins of mainstream and obscure sports throughout the world, study sports franchises, learn the basics of sports reporting, research popular athletes, and view and comment on some of the greatest sports themed films of all-time. Students may be required to purchase up to two paperback novels.

YEARBOOK

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Sophomore, Junior, or Senior standing and at least a 2.5 GPA in English

Yearbook is an elective course for students interested in designing and producing Keystone High School's yearbook, *Roaring Echoes.* Students will study a range of different writing styles with an emphasis placed upon journalistic writing and editing. The class will be trained to use online publishing software to design the book.

WILDERNESS, LITERATURE, & THE ESSENCE OF THOUGHT

Semesters: 1 **Credit: .50**

Prerequisite: Junior or Senior standing

Expand your curiosity, creativity, and knowledge beyond the classroom. In this course, we will contemplate the association between nature and society, and find a connection to the natural world. This class will be a combination of creative writing, as well as a study of Romanticism and Transcendentalism. Students who have an open mind and curiosity towards nature and literature will enjoy this course.

CREATIVE WRITING THROUGH MINDFULNESS

Semesters: 1 **Credit: .50**

Prerequisite: Junior or Senior standing

This course is designed to introduce students (safely and accessibly), to the basic postures, breathing techniques, and relaxation methods of yoga. Students will begin to experience the benefits of stretching, moving, and breathing freely as they relieve stress, learn to relax, and ultimately get more out of day-to-day life. The goal of this course is to promote vibrant health and to tap the body's latent energy reserves.

Family & Consumer Science

CAREER & COLLEGE READINESS

Semesters: 1 **Credit: .50**

Prerequisite: None

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

CHILD DEVELOPMENT

Semesters: 1 **Credit: .50**

Prerequisite: None

Students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include

childhood diseases, immunizations, theories of development, learning styles, and evaluating child care services.

CULINARY FUNDAMENTALS

Semesters: 1 **Credit: .50**
Prerequisite: None

Students will apply culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. A $25.00 fee is attached to this course.

GLOBAL FOODS

Semesters: 1 **Credit: .50**
Prerequisite: Culinary Fundamentals

Students will compare cuisine, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. A $25.00 fee is attached to this course.

Mathematics

ALGEBRA I

Semesters: 2 **Credit: .50 each semester**
Prerequisite: None

This course emphasizes problem solving strategies for studying linear equations and inequalities; exponential quadratic, radical and rational functions; and statistics and probability. This course utilizes the power of technology.

ALGEBRA I A

Semesters: 2 **Credit: .50 each semester**
Prerequisite: 7th-8th grade teacher placement/recommendation based on a need for remediation of fundamental skills required for Algebra I.

This course is the first in a series of two courses that will cover the traditional Algebra I course entirely. *Students will not take the state assessment until the end of the 2nd course.* An emphasis will be placed on mastering basics such as multiplication facts, sign rules, and using a calculator as a tool only when necessary. This first course will cover simplifying algebraic expressions, solving equations, ratios, proportions, and will explore problem-solving strategies for studying linear equations and inequalities.

ALGEBRA I B

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Completion of Algebra 1 A

This course enhances concepts taught in Algebra 1A and will emphasize problem-solving skills to explore exponential, quadratic, radical, and rational functions and also probability and statistics. This part of the course will utilize technology and how it is used on the state assessment.

GEOMETRY

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Algebra I

This course emphasizes an understanding of the attributes and relationships of geometric objects applied in diverse contexts. Topics covered include geometric transformations, congruence and similarity, trigonometric ratios, circles, geometric modeling, and formal proofs of geometric theorems. This class utilizes the power of technology.

HONORS GEOMETRY

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Algebra 1 as an 8th grader or teacher recommendation

This course is weighted on a 5.0 scale.

This course strives for a deeper understanding and mastery of geometric attributes, concepts, and relationships. Students, in this course, are exposed to more advanced topics in the possible areas of proofs, modeling, trigonometry, congruence and similarity, and circles. This class utilizes the power of technology.

ALGEBRA II

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Algebra I and Geometry

In this course, students further develop their algebra skills and improve their ability to provide algebraic solutions to more difficult problems. Students will study the properties of linear, quadratic, exponential, and logarithmic functions and explore the characteristics of their graphs. Emphasis is placed on simplifying algebraic expressions and solving equations and inequalities. This course utilizes the power of technology.

HONORS ALGEBRA 2

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Honors Geometry

This course is weighted on a 5.0 scale.

Honors Algebra 2 is a mathematics course designed for students of high math ability who have completed Honors Geometry. Topics covered will include: linear functions and relations, systems of linear equations

and inequalities, graphing in space, polynomials and rational expressions, sequences, exponents and logarithms, probability, matrices, and trigonometric functions and identities.

ALGEBRA III

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Algebra II

This course further investigates skills learned in Algebra II. Topics include functions, problem solving, matrices, analyzing data, advanced factoring methods, advanced arithmetic and geometric sequences and series, logarithms, and conic sections. This course will utilize technology.

AP STATISTICS

Semesters: 2 **Credit: .50 each semester**

- **This course is weighted on a 5.0 scale**

Prerequisite: B- or better in Algebra I.

This course focuses on advancing statistics learned in previous courses, while working towards mastery of college level statistics. This course will prepare the students for the AP Statistics Exam. The instructional objectives for this course are outlined in the College Board Publications. It is strongly recommended that students in AP Statistics take the AP Exam. A graphing calculator is required for this course. Recommended calculator models are the TI-83 or the TI-84 (plus or plus silver models).

PRE-CALCULUS

Semesters: 2 **Credit: .50 each semester**

Prerequisite: completion of Algebra II.

This course includes those mathematical topics necessary to prepare college-bound students for a first course in calculus. Students will study in-depth the properties of linear, quadratic, exponential, logarithmic, absolute value, step, piecewise, polynomial, rational, and trigonometric functions and explore the characteristics of their graphs. Additional topics covered include sequences, series, probability, and statistics.

AP CALCULUS AB

Semesters: 2 **Credit: .50 each semester**

- **This course is weighted on a 5.0 scale**

Prerequisite: B- or higher in Pre-Calculus and/or by teacher recommendation.

This is an introduction to differential and integral calculus. The emphasis will be on developing a solid background for college level work in higher mathematics. This course also prepares students for the AP Test in Calculus AB. The instructional objectives for this course are outlined in the College Board Publications. It is strongly recommended that students in AP Calculus take the AP exam. A graphing calculator is required for this course. Recommended calculator models are the TI-83 or the TI-84 (plus or plus silver models).

LCCC MTHM 171, COLLEGE ALGEBRA

Semesters: 1 **Credit: 1 high school credit, 4 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT.

Study of algebraic functions, equations, systems of equations, inequalities, matrices, partial fractions, exponential and logarithmic functions. Designed primarily for the calculus-bound student. Not to be taken if credit for MTHM 175 has been earned. Graphing calculator required.

LCCC MTHM 172, PRECALCULUS

Semesters: 1 **Credit: 1 high school credit, 3 college credits**

Prerequisite: Grade of C or better in MTHM 171 or 3 ½ years high school college-preparatory mathematics and satisfactory placement score on the Accuplacer, ACT, or SAT, or divisional approval.

For the calculus-bound student. A study of trigonometric functions and their graphs; trigonometric identities and equations; conic sections; polar and parametric equations; mathematical induction; and the Binomial Theorem. Not to be taken if credit for MTHM 175 has been earned.

COMPUTER SCIENCE

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Completion of Algebra II

Computer Science gives students the opportunity to engage with computer technology to express creativity, communication and problem-solving. Students will gain experience with website development, animations, games, computing, application creation and programming. They will also learn valuable skills needed to succeed in technology such as problem solving, the design process, and the workings of the internet, digital information and data. This course is ideal for anyone that wishes to learn more about technology and gain 21st century skills.

Please see the Math Department Flow Chart on the next page for additional guidance.

Class of 2021 and Beyond

	Pathway 1	Pathway 2	Pathway 3
9th	Algebra 1a	Algebra 1	Honors Geometry
10th	Algebra 1b	Geometry	CCP College Algebra/ CCP PreCalc
11th	Geometry	Algebra 2	CCP Calculus 1/ CCP Calculus 2
12th	Algebra 2	PreCalc or Algebra 3 or Computer Science or AP Stats	CCP Multivariable Calculus/ CCP Linear Algebra

AP Statistics: This course can be taken in 10th, 11th, or 12th grade. The prerequisite requirement for this course is at least a B in both semesters of Algebra 1, or Geometry, or Algebra 2. This course also requires teacher recommendation.

Students can move pathways with teacher recommendation.

Students not originally on pathway 3 will be required to take a placement test to test into pathway 3. If the required score is not achieved, the student will not be able to take the course.

CCP Calculus 1 and 2 will not be offered before the 2019-2020 school year. CCP Mulitvariable Calculus and Linear Algebra will not be offered before the 2020-2021 school year.

Deviations from the 2 pathways are possible. Any deviation from a pathway needs teacher approval.

Class of 2019 and 2020

	Pathway 1	Pathway 2
9th	Algebra 1	Geometry
10th	Geometry	Algebra 2
11th	Algebra 2	PreCalc
12th	PreCalc or Algebra 3 or Computer Science or AP Stats	Algebra 3 or AP Calculus or AP Stats or Computer Science

AP Statistics: This course can be taken in 10th, 11th, or 12th grade. The prerequisite requirement for this course is at least a B in both semesters of Algebra 1, or Geometry, or Algebra 2. This course also requires teacher recommendation.

Students can move pathways with teacher recommendation.

Deviations from the 2 pathways are possible. Any deviation from a pathway needs teacher approval.

Music

BAND

Semesters: 2 **Credit: .50 each semester**

(Students must take Marching Band along with Concert Band for the second semester; course credit can be earned yearly up to a maximum of 4 credits,)

Prerequisite: Director approval and audition

- MARCHING BAND

This course begins with summer rehearsals in July and August, and continues through the first quarter. Rehearsals take place during the school day as well as after school. Membership requires attendance at summer rehearsals and Band Camp, as well as football games, competitions, and parades (unless otherwise specified with the director.) Once football season is finished, all registered band members will audition for a spot in the concert band.

- CONCERT BAND

This band studies and performs class B and C high school music. Requirements include the entire schedule of concert band performances for the school year, including all rehearsals outside of the school day. Class work and student evaluation includes training in large ensemble rehearsal skills, preparation and performance of band literature, technical development of basic instrumental music skills, and performance assessment tests and quizzes. Students will be expected to participate in the OMEA and/or Lorain County Solo and Ensemble Contest. Private lesson studies are encouraged, and students may have the opportunity to apply for large honors groups. This group also performs in OMEA Large Group Contest. All members are also required to participate in Basketball Pep Band.

HIGH SCHOOL CHOIR

Semesters: 2 **Credit: .50 each semester**

Prerequisite: None (Course credit can be earned yearly up to a maximum of 4 credits.)

Choir is for any student who enjoys music and wants to learn to sing properly. Students will be assessed in a formal audition. Classroom activities are structured around daily participation. Concerts, programs and assemblies are prepared and presented, featuring music from a variety of time periods and in a variety of languages. Choir members are required to participate in all concerts, as well as large group contest. Students may also choose to participate in solo and ensemble contest and honors choir festivals. Some rehearsals and performances are scheduled after school hours.

SYMPHONIC CHOIR

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Audition

Any student wishing to enroll in Symphonic Choir must audition for the director in the spring. Symphonic Choir is an elite group of singers chosen for their ability and interest in singing. Symphonic Choir members will incur wardrobe fees.

*When enrollment allows, other select choirs may include Women's Choir and Concert Choir.

Physical Education & Health

PHYSICAL EDUCATION

Semesters: 1 **Credit: .25**

Prerequisite: None

This class is designed for the student to participate in fun-filled and popular recreational activities that are team-oriented. The course will introduce the rules of the game, game strategies, sportsmanship, safety, and knowledge of equipment and facilities. Participation may include: volleyball, football, softball, ultimate Frisbee, tennis, and badminton. This course fulfills .25 of the .50 physical education credits needed for graduation.

FITNESS FOR LIFE

Semesters: 1 **Credit: .25**

Prerequisite: None

This workout-based class is designed for the student who wants to focus on personal fitness to tone muscles and reduce body fat. Students will participate in activities such as yoga, pilates, Zumba, running/walking, and weightlifting. Music and workout videos will be used to increase effort, intensity, and enjoyment of activities. This course fulfills .25 of the .50 physical education credits needed for graduation. This course can be repeated.

***SB 311 allows school districts to adopt a policy exempting students who participate in interscholastic athletics, marching band or cheerleading for 2 full seasons or 2 years of JROTC from the physical education requirement.*

LIFETIME LEISURE SPORTS

Semesters: 1 **Credit: .50**

Prerequisite: Senior standing ONLY

This is an elective physical education course offered for students who want to develop skills in sports that will last a lifetime. Students will develop new games, adapt new formats for existing games and learn the enjoyment of friendly competition. Students will be required to participate in daily activities.

WEIGHTLIFTING & CARDIORESPIRATORY FITNESS

Semesters: 1 **Credit: .50**

Prerequisite: Senior standing

This is an elective physical education course. The class consists of weightlifting and conditioning programs. The students will be responsible for completing their personal weightlifting conditioning programs along with a presentation on steroid abuse, body composition, nutrition supplements, and diets for athletes, etc. Students will be required to participate in daily activities.

HEALTH

Semesters: 1 **Credit: .50**

Prerequisite: None

This course is designed to teach the skills necessary for the physical, mental and emotional well-being of the individual. This course is required for graduation.

Science

PHYSICAL SCIENCE APPLICATIONS

Semesters: 2 **Credit: .50 each semester**

Prerequisite: None

This college prep course will focus on three fields of science: physics, chemistry, and space science. Subjects such as atomic theory, the periodic table, chemical reactions, forces and motion, energy, the universe, and historical discoveries will be studied. Discussions, lab experiments, individual projects, activities, and written assignments are used. Algebra skills and independent work skills are needed.

BIOLOGY – APPLICATIONS

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Completion of Physical Science

This course fulfills college entrance requirements. Units on biochemistry, energy transfers, nucleic acids, cell structure and function, genetics, evolution, and ecology are covered. Lab reports and research projects are required. Emphasis is on problem-solving and critical thinking skills.

HONORS BIOLOGY

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Completion of Physical Science AND teacher recommendation.

This course fulfills college entrance requirements. Units covering biochemistry, cellular structures and functions, cellular transport, energy transformations, heredity, gene expression, evolution, ecology and the diversity of life will be covered throughout this year long course. Additional laboratory activities, reports and research projects are required in this more intensive course of biology. Application of course material, problem-solving and critical thinking will be emphasized in this course.

LCCC BIOG 161, PRINCIPLES OF BIOLOGY I

Semesters: 1 **Credit: 1.0 high school credits, 4 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT, specifically a demonstrated proficiency at the Algebra II level or MTHM 023 or divisional approval. (Fall only at Keystone)

An introduction to the principles of biology recommended for science majors. Topics include basic chemistry, the cell, metabolism, photosynthesis, genetics and evolution. A considerable writing component is present. Laboratory required. A special fee will be assessed. Natural science core course.

LCCC BIOG 162, PRINCIPLES OF BIOLOGY II

Semesters: 1 **Credit: 1.0 high school credits, 4 college credits**

Prerequisite: BIOG 161 (Spring only at Keystone)

A continuation of BIOG 161 emphasizing a taxonomic survey of the kingdoms, as well as a study of animal and plant anatomy and physiology and ecology. Laboratory required. A special fee will be assessed. Natural science core course.

INTRODUCTION TO GEOLOGY & ASTRONOMY

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Junior or senior standing

This is an elective science class that has some coursework as internet assignments. It is an in-depth study of the earth and its processes and space science. Topics include plate tectonics, volcanic activity, oceanography, mineralogy, meteorology and the solar system. There will be independent and group work assigned.

ENVIRONMENTAL SCIENCE

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Junior or Senior standing, completion of Biology Applications and teacher recommendation.

This course is designed to familiarize students with a global perspective of the environment. Topics include ecosystems, pollution management, climate, land use, biodiversity and population growth. The students will explore consequences of environmental decisions through case studies, debates, investigations and labs. If a student is college-bound, chemistry is recommended.

AP ENVIRONMENTAL SCIENCE

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Successful completion of Biology and teacher recommendation.

This course is weighted on a 5.0 scale

AP Environmental Science is a rigorous, college-level course that provides an opportunity to gain skills colleges recognize. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them.

CHEMISTRY

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Completion of Biology and minimum concurrent with Algebra II, Teacher Recommendation

Chemistry I is an introductory course to the principles of chemistry. The course covers a study of matter including atomic structure, bonding, radioactivity, gas laws and acid-base reactions. The ability to manipulate algebraic equations is essential for success. Lab work encompasses basic chemistry lab

techniques such as mass measurement, titration reactions, basic reactions, and product recovery. Homework is assigned regularly.

LCCC CHMY 171, GENERAL CHEMISTRY I

Semesters: 1 **Credit: 1.0 high school credits, 5 college credits**

Prerequisite: Student must score at college level in mathematics on the Accuplacer, ACT, or SAT; completion of high school chemistry; grade of C or higher in MTHM 081. (Fall only at Keystone)

Course recommended for science majors as an introduction to the principles of chemistry. Emphasis is on atomic, molecular and electronic structures, gas laws, stoichiometry, chemical bonding, solutions and equilibrium. Laboratory required. Natural science core course.

LCCC CHMY 172, GENERAL CHEMISTRY II

Semesters: 1 **Credit: 1.0 high school credits, 5 college credits**

Prerequisite: CHMY 172 (Spring only at Keystone)

Continuation of CHMY 171. Emphasis is on acids and bases, thermodynamics, electrochemistry, coordination compounds, nuclear chemistry, descriptive chemistry and reaction kinetics. Laboratory required. Natural science core course.

PHYSICS

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Minimum of Pre-Calculus concurrent

This course is weighted on a 5.0 scale

Physics is a study of the physical mathematical principles underlying material phenomena. These include mechanics, thermodynamics, wave motion, electricity and magnetism. Laboratory investigations will complement lecture topics. This course is intended for college-bound students interested in entering the engineering profession or medical or other science-related fields.

LCCC BIOG 121, ANATOMY & PHYSIOLOGY I

Semesters: 1 **Credit: 1.0 high school credits, 4 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT; Recommend prior completion of one of the following: high school biology, and chemistry, BIOG 115 or CHMY 161. (Fall only at Keystone)

This course offers an introduction to cell biology and histology, as well as an in-depth study of the following human organ systems: integumentary, skeletal, muscular, nervous (including special senses) and endocrine. This course is intended primarily for allied health and nursing associate degree students, sports and fitness management students and science majors. Laboratory (involving dissection of specimens and use of pre-dissected cats) required. A special fee will be assessed. Natural science core course.

LCCC BIOG 122, ANATOMY & PHYSIOLOGY II

Semesters: 1 **Credit: 1.0 high school credits, 4 college credits**

Prerequisite: grade of C or better in BIOG 121. (Spring only at Keystone)

This course is a continuation of Anatomy and Physiology I. The structure and function of the following human organ systems are examined: reproductive (including embryology and fetal development), digestive, cardiovascular, lymphatic (including immunity), respiratory and urinary (including fluid/electrolyte and acid/base balance). Cadaver-based laboratory required. A special fee will be assessed. Natural science core course.

LCCC ALHN 110, MEDICAL TERMINOLOGY

Semesters: 1 **Credit: 1.0 high school credits, 3 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT.

This course will introduce medical terminology including common medical word roots, prefixes, suffixes and combining forms. It will include common medical abbreviations, pronunciation, spelling and definitions of medical terminology related to the human body systems. People who are pursuing an allied health or nursing program, or who are re-entering health care professions or persons working in health care related agencies will enhance their knowledge of medical terminology in this course.

LCCC BIOG 115, BODY STRUCTURE & FUNCTION

Semesters: 1 **Credit: 1.0 high school credits, 3 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT.

Basic introduction to the structure and function of the human body systems. A course intended primarily for allied health and nursing certificate program students or as a preliminary course to prepare for Anatomy and Physiology I and II.

Social Studies

WORLD HISTORY

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Required for freshmen

World History consists of a chronological survey of major world events and personalities from 1750 to the present. Included in this survey are historic eras, geographic settings, and various forms of governments. Students will also gain an understanding of current events.

HONORS WORLD HISTORY

Semesters: 2 **Credit: .50 each semester**

- **This course is weighted on a 5.0 scale**

Prerequisite: Students selected will be those with the highest:

1. *Grades, averaged from the Reading and Language Arts' classes in eighth grade*
2. *Teacher recommendations*
3. *Eighth grade achievement test results*

This full-year course, covering topics from the Enlightenment to the modern age, is designed for students willing to commit to a class that will challenge their analytical thinking and writing skills. This course covers the culture, society, history, and current affairs in selected Eastern and Western Hemisphere

countries, with special emphasis on the Middle East, Asia, Europe, Latin America, and Africa. Political, economic, religious, historical, and cultural themes are stressed in these areas of study throughout the course. Students will examine in depth supplemental readings, maps, and other materials to develop critical thinking and analytical skills. Literary and historical reading and writing are also major components of the curriculum. There is a large amount of reading and writing required in this course, including but not limited to a possible summer reading assignment. This course fulfills the world history requirement for graduation.

AMERICAN HISTORY

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Required for sophomores

This is a survey course covering 1877 to present day. Students will explore issues and events that will shape American culture, politics, economy, and military power as we move into the future. This course is required for graduation.

AP AMERICAN HISTORY

Semesters: 2 **Credit: .50 each semester**

- **This course is weighted on a 5.0 scale**

Prerequisite: Students with a B or higher in World History and department permission.

Course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with issues in United States History. Students will learn to assess historical materials; interpret and evaluate the relative significance of primary and secondary source material; and to present evidence and conclusions clearly and persuasively. This course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Eligible to take A.P. Test at course end.

AMERICAN GOVERNMENT

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Required for juniors

This course provides a detailed study of our federal government and the constitution as well as our state and local governments. American Government is required for graduation.

AP GOVERNMENT - US POLITICS

Semesters: 2 **Credit: .50 each semester**

- **This course is weighted on a 5.0 scale**

Prerequisite: B or higher GPA in social studies classes, junior or senior status, and department permission.

This is a comprehensive course that uses the perspective of political institutions to explore the history, organization, and functions of the United States Government. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. Beginning with the Declaration of Independence and continuing to the present day, the course explores the relationship between individual Americans and our governing bodies. It takes a close look at the constitutional

underpinnings of the U.S. Government; political beliefs and behaviors; political parties, interest groups and mass media; institutions o9f national government (the congress, the presidency, the bureaucracy, and the federal courts); public policy; and civil rights and civil liberties. Students are eligible to take A.P. test at course end.

ECONOMICS & FINANCIAL LITERACY

Semesters: 1 **Credit: .50**

Prerequisite: Senior standing

This required course will prepare students for the choices and challenges of today's financial markets. A better understanding of personal finance will help students move into adulthood making more informed monetary decisions, realizing a greater potential for personal wealth, and fostering a stronger state and national economy. The class will focus on income, money management, spending and credit, saving and investing, consumer protection, and risk management. Students will learn and develop knowledge of financial literacy by understanding ABC's of checking, savings and investment accounts, and the importance of maintaining a healthy checking account. They will develop an appreciation for setting financial goals, building monthly budgets, establishing and maintaining good credit, proper use of credit cards, managing credit issues and securing tax records.

SOCIOLOGY

Semester: 1 **Credit: .50**

Prerequisite: Sophomore, Junior or Senior status

The study of Human Relationships, sociology is a science that studies human society and social behavior. Areas covered include the American value system, types of societies, agents of socializations, the adolescent in society, deviance and social control, gender, age and health issues, the family, population, urbanization, and modernization.

LEADERSHIP ACADEMY

Semester: 1 **Credit: .50**

Prerequisite: Sophomore, Junior or Senior standing

Leadership Academy is a semester long course for students in grades 10-12 who want to discover personal strengths and develop research based leadership principles. Strengthening personal leadership foundations will enable students to become leaders in our school, community, and world. The long-term focus of this class is to foster positive, research-based leadership qualities in our students. Our students will be supported while becoming leaders at Keystone and post high school arenas of higher education, professions, communities and beyond. Leadership Academy's main goal is to help students take ownership of their lives and be responsible for what they do and say and the culture they create daily. We also want to help students identify their strengths and purpose and help them learn how to use their unique qualities to fulfill that purpose.

PSYCHOLOGY

Semester: 1 **Credit: 50**

Prerequisite: Junior or Senior status

Psychology is a college-preparatory course, which seeks to provide a general overview into the topics one would cover in an introductory college psychology course. General topic areas include: Introduction to Psychology, Body and Mind, Learning and Cognition, Development, Personality, Attention, and Social Psychology.

Spanish

SPANISH I

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Recommended for college-bound students. C average in English is required; average of B or higher in this subject is recommended. Preference will be given to sophomores and juniors who have not taken a language. This course is not open to seniors.

Spanish I is an introduction to the language and cultures of the Spanish-speaking world. Students will concentrate in the main areas of the language: reading, speaking, listening, comprehension, writing and culture. Throughout the course, students should develop and awareness of the value system and behavior patterns of the Spanish-speaking people as well as a general comprehension and working vocabulary of the language itself. Students will need their own workbook, ear buds, flash drive, project materials and a Spanish-English dictionary.

SPANISH II

Semesters: 2 **Credit: .50 each semester**

Prerequisite: Spanish I (Semesters I & II) with a C- minimum for both semesters

Spanish II is a continuation of the Spanish I with further study of the language and culture. Students will continue to develop their communicative skills as well as those of writing, listening, reading and comprehension. Students will need their workbook, ear buds, flash drive, dictionary and project materials.

HONORS SPANISH III

Semesters: 2 **Credit: 1.0**

- **This course is weighted on a 5.0 scale**

Prerequisite: Spanish I and II with a grade of B or higher.

This is an advanced class. Students should have a good solid understanding of Spanish I and Spanish II. This course is intended for those students who have the skills and interest to study Spanish in greater detail. Our objectives are to converse with more fluency on a wider variety of topics, to further investigate major contributions to art, literature and historical events and to further study grammar and composition.

LCCC SPNH 251, INTERMEDIATE SPANISH I

Semesters: 1 **Credit: 1.0 high school credits, 3 college credits**

Prerequisite: Student must score at college level on the Accuplacer, ACT, or SAT; SPNH 152 or division approval.

Review of the fundamental structures and introduction of more complex grammatical structures and communicative skills with a balanced emphasis on speaking, listening, reading and writing. Exploration of the civilization , culture and customs of Spanish-speaking people. Laboratory practice using various technologies. This class meets every other day.

LCCC SPNH 252, INTERMEDIATE SPANISH II

Semesters: 1 **Credit: 1.0 high school credits, 3 college credits**

Prerequisite: SPNH 251 or division approval.

Continuation of intermediate Spanish I. Class discussions conducted in Spanish. Further refinement of the four language skills: comprehension, speaking, reading and writing. Introduction to a variety of topics related to Hispanic culture. Recommended for students planning to enroll in language and culture of Spain and language and culture of Latin America. Individualized practice on cassette tapes. This class meets every other day.

LCCC SPNH 271G, CULTURE & CIVILIZATION OF SPAIN

Semesters: 1 **Credit: 1.0 high school credits, 3 college credits**

Prerequisite: SPNH 252

An introduction to various aspects of Spanish society and culture through a study of geography, history, language, literature, and the art of Spain. This class meets every other day.

LCCC SPNH 272G, CULTURE & CIVILIZATION OF LATIN AMERICA

Semesters: 1 **Credit: 1.0 high school credits, 3 college credits**

Prerequisite: SPNH 252

An introduction to various aspects of Latin American society and culture through a study of geography, history, language, literature, and the art of Central and South America. This class meets every other day.

High School Course Planning Sheet

Students, with the help of their parents/guardians, are encouraged to select a course plan that will assist them in reaching their educational goals. It is important that students select courses to fit their career plans. It is suggested that all students:

- review the credit requirements for graduation.
- read the information presented about each department at Keystone High School.
- complete this course planning guide.
- understand the recommended college preparatory curriculum.
- review and understand the opportunities offered through the JVS and College Credit Plus program.
- consider the curricular and other requirements for an Honors Diploma.

Grade 9

Subject Area	Semester 1	Semester 2	Credit
English 9	X	X	1.0
Math (Algebra or H. Geometry)	X	X	1.0
Social Studies (World History)	X	X	1.0
Science (Physical or H. Biology)	X	X	1.0
Physical Education	X		.25
Health		X	.50
Elective (s)	X	X	1.0
Elective (s)	X	X	1.0
Total Credits:			6.75

To graduate, electives must include at least 1.0 credit of Fine Arts, and 1.0 credit of Business, Technology, OR Foreign Language.

Grade 10

Subject Area	Semester 1	Semester 2	Credit
English 10	X	X	1.0
Math (Geometry or Algebra II)	X	X	1.0
Social Studies (American History)	X	X	1.0
Science (Biology or Chemistry)	X	X	1.0
Physical Education	X		.25
Health		X	.50
Elective (s)	X	X	1.0
Elective (s)	X	X	1.0
Total Credits:			6.75

To graduate, electives must include at least 1.0 credit of Fine Arts, and 1.0 credit of Business, Technology, OR Foreign Language.

Grade 11

Subject Area	Semester 1	Semester 2	Credit
English 11	X	X	1.0
Math (Algebra II, Pre-Calculus, or AP Stats)	X	X	1.0
Social Studies (American Government)	X	X	1.0
Science (Chemistry or Advanced Science)	X	X	1.0
Elective (s)	X	X	1.0
Elective (s)	X	X	1.0
Total Credits:			6.00

To graduate, electives must include at least 1.0 credit of Fine Arts, and 1.0 credit of Business, Technology, OR Foreign Language.

Grade 12

Subject Area	Semester 1	Semester 2	Credit
English 12	X	X	1.0
Math (Algebra III, Computer Science, AP Statistics, or AP Calculus	X	X	1.0
Social Studies (Economics/Financial Literacy + Psychology or Sociology)	X	X	1.0
Elective (s)	X	X	1.0
Elective (s)	X	X	1.0
Elective (s)	X	X	1.0
Total Credits:			6.0

To graduate, electives must include at least 1.0 credit of Fine Arts, and 1.0 credit of Business, Technology, OR Foreign Language.