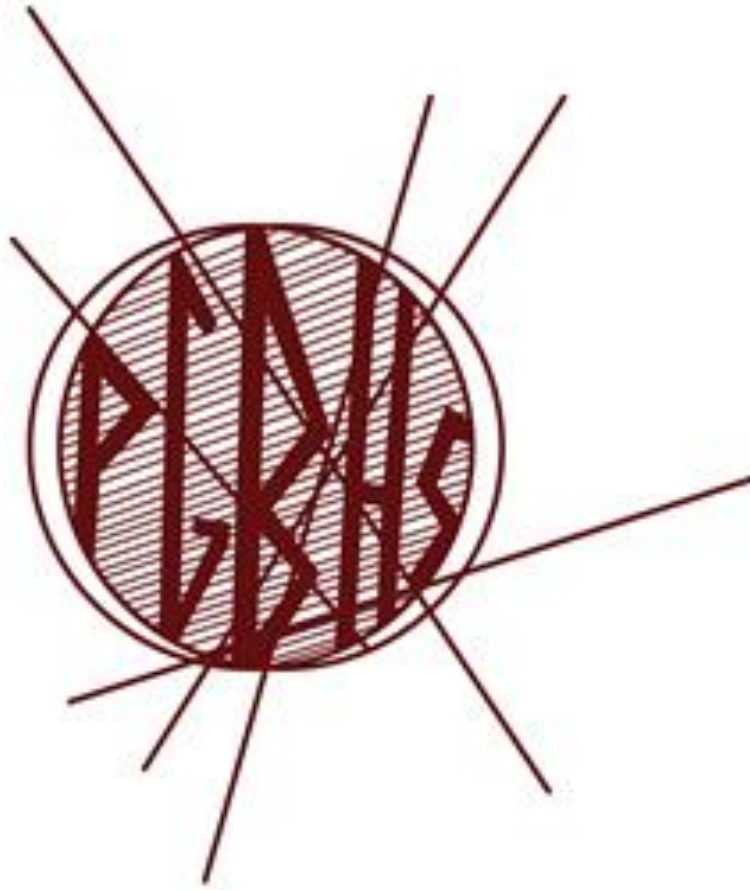


# PAUL G. BLAZER HIGH SCHOOL



## Course Catalog 2024-25

*"It's a great day to be a tomcat" ...*

# **P**aul Blazer High School School Administration Team

<b>Jamie Campbell, Principal</b>	<b>327-6045</b>
<b>Steve Dowdy, Assistant Principal</b>	<b>327-6042</b>
<b>Brad Greene, Assistant Principal</b>	<b>327-6041</b>
<b>James Conway, Athletic Director</b>	<b>327-6046</b>
<b>Carly Campbell, Secretary</b>	<b>327-6040</b>
<b>Katie Imel, Finance</b>	<b>327-6040 x3101</b>
<b>Brittney Bowen, Attendance</b>	<b>327-6043</b>

# **P**aul Blazer High School School Counseling Team

<b>Chad Tackett, School Counselor (A-J)</b>	<b>327-6044 x3103</b>
<b>Beth Ingram, School Counselor (K-Z)</b>	<b>327-6044 x3104</b>
<b>Kelly Phillips, Counseling Secretary/Records</b>	<b>327-6044</b>
<b>Annessia Lindsey, School Social Worker</b>	<b>327-6040 x3324</b>

#### Notice of NON-DISCRIMINATION

The Ashland Independent School District does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups. The following person has been designated to handle inquiries regarding the non-discrimination policies:

Philip Caudill, Director of Student Services  
1820 Hickman St  
Ashland, KY 41101  
606-327-2706

For further information on notice of non-discrimination, visit <https://wdcrobcop01.ed.gov/cfapps/OCR/contactus.cfm> for the address and phone number of the office that serves your area, or call 1-800-421-3481.

# ASHLAND INDEPENDENT SCHOOLS CALENDAR

2024-2025

Board Approved 11/27/23

2024

July							August							September						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3	1	H	3	4	5	6	7
7	8	9	10	11	12	13	4	5	6	7	8	9	10	8	9	10	11	12	13	14
14	15	16	17	18	19	20	11	PD	O	14	15	16	17	15	16	17	18	19	20	21
21	22	23	24	25	26	27	18	19	20	21	22	23	24	22	23	24	25	26	27	28
28	29	30	31				25	26	27	28	29	30	31	29	30					

October							November							December						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	PD	5						1	2	1	2	3	4	5	6	7
6	7	8	9	10	11	12	3	PD	E	6	7	8	9	8	9	10	11	12	13	14
13	14	15	16	17	18	19	10	11	12	13	14	15	16	15	16	17	18	19	20	21
20	21	22	23	24	25	26	17	18	19	20	21	22	23	22	23	24	H	26	27	28
27	28	29	30	31			24	25	26	27	H	29	30	29	30	31				

2025

January							February							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
			H	2	3	4							1							1
5	6	7	8	9	10	11	2	3	4	5	6	7	8	2	3	4	5	6	7	8
12	13	14	15	16	17	18	9	10	11	12	13	14	15	9	10	11	12	13	14	15
19	20	21	22	23	24	25	16	PD	18	19	20	21	22	16	17	18	19	20	21	22
26	27	28	29	30	31		23	24	25	26	27	28		23	24	25	26	27	28	29
														30	31					

April							May							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5					1	2	3	1	2	3	4	5	6	7
6	7	8	9	10	11	12	4	5	6	7	8	9	10	8	9	10	11	12	13	14
13	14	15	16	17	18	19	11	12	13	14	15	16	17	15	16	17	18	19	20	21
20	21	22	23	24	25	26	18	19	20	21	C	23	24	22	23	24	25	26	27	28
27	28	29	30				25	26	27	28	29	30	31	29	30					

**OPENING DAY FOR TEACHERS**

08/13/24

**CLOSING DAY FOR TEACHERS**

05/22/25

**FOUR HOLIDAYS**

09/02/24	Labor Day
11/28/24	Thanksgiving Day
12/25/24	Christmas Day
01/01/25	New Year's Day

**FOUR STAFF DEVELOPMENT DAYS**

08/12/24	Inflexible
10/04/24	EKEA Flexible
11/04/25	Flexible
02/17/25	Flexible

**QUARTERS**

08/14/24-10/14/24	42 days
10/15/24-12/20/24	42 days
01/06/25-03/11/25	45 days
03/12/25-05/21/25	46 days

**ISSUE REPORT CARDS**

10/21/24
01/10/25
03/18/25
05/21/25

**GRADUATION**

Last Day of School

175 Instructional Days

4	Staff Development Days
4	Holidays
1	Opening Day
1	Closing Day
<b>185</b>	<b>Total Days</b>

**DATES OF IMPORTANCE**

08/14/24	Beginning Day for Students
11/05/24	Election Day
11/25/24-11/29/24	Thanksgiving Break
12/23/24-01/03/25	Christmas/New Year's Break
01/06/25	Return to School After Holidays
01/20/25	Martin Luther King Day
03/31/25-04/04/25	Spring Break
05/21/25	Last Day for Student Attendance

**NO SCHOOL**

09/02/24; 10/04/24; 11/04/24-11/05/24;  
11/25/24-11/29/24; 12/23/24-01/03/25; 01/20/25;  
02/17/25; 03/31/25-04/04/25

 (means days out of school)

State Assessment: Last 10 Days of School

Weather make up days will be May 22, 23, 27, 28, 29

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# Course Selection Procedures

The 2023-24 Course Catalog for Paul Blazer High School describes all courses that are currently being offered at Paul Blazer. The offerings are arranged alphabetically by department. Each course description gives a brief summary of the course content, length of course, grades available for enrollment, prerequisites, and any course fees for supplies needed to complete the course.

Students and parents work with school staff throughout the year to explore future courses and students develop a four-year graduation plan as they meet with the school counselors to complete the Individual Learning Plan. Working with their parents, teachers, and school counselor they will select courses that are appropriate for their future plans. Once course request has been entered in IC portal, students will have individual conferences with their assigned counselor to evaluate their course selections, review their high school transcript, and discuss their future career and educational plans. These conferences are conducted during the school day and students need to ensure that they make their scheduled appointment. Conferences are conducted by grade and the schedules are posted throughout the school and in each classroom. Parents may attend the conference or they may contact their child's counselor for more information. Large group parent meetings are conducted prior to students completing the course request form.

## Drop/Add Policy

Master Schedule development is entirely student centered and developed solely by student requests and available staffing. Schedule changes will only be allowed with administrative approval, during the first 5 days of each semester. Drop and add will only be allowed if there has been a scheduling error or there is evidence that a student will not be successful in a course. Schedule changes will not be allowed based on student desire to change period, teacher, lunch period, etc. Schedule changes related to meeting graduation requirements will be allowed. Any student wishing to request a schedule change must complete a [Course Withdrawal Form](#).



# KENTUCKY DEPARTMENT OF EDUCATION: NEW MINIMUM GRADUATION REQUIREMENTS

	<b>4 ENGLISH CREDITS</b>	<b>4 MATH CREDITS</b>	<b>3 SOCIAL STUDIES CREDITS</b>	<b>3 SCIENCE CREDITS</b>	<b>OTHER CREDITS</b>
<b>FOUNDATIONAL</b>	English I English II	Algebra I Geometry	Social Studies Social Studies	Lab-based Science Lab-based Science	1/2 Health; 1/2 PE Visual/Performing Arts
<b>PERSONALIZED</b>	Additional English aligned with ILP Additional English aligned with ILP	Additional Math aligned with ILP Additional Math aligned with ILP	Social Studies aligned with ILP	Science aligned with ILP	6 credits aligned with ILP
	Additional course options could include, but are not limited to: English III, English IV, AP Language, AP Literature, dual credit English, etc.	Additional course options could include, but are not limited to: Algebra II, Precalculus, College Algebra, AP Calculus, dual credit math, dual credit CTE math, etc.	Additional course options could include, but are not limited to: Government (or AP), U.S. History (or AP), World Civilizations/History (or AP), dual credit social studies, etc.	Additional course options could include, but are not limited to: Chemistry (or AP), Physics (or AP), Biology (or AP), CSI Forensics, dual credit science, etc.	Additional course options could include, but are not limited to: Chorus I, Orchestra I, Visual Arts I, Theatre I, Band I, etc.

## GRADUATION QUALIFIERS FOR STUDENTS ENTERING HIGH SCHOOL IN 2019-2020 (COMPLETE ONE):

<b>Precollege curriculum</b> as established by the Council on Postsecondary Education in 13 KAR 2:020	Benchmark score in one section of a <b>college admissions or placement examination</b> as established by the Council on Postsecondary Education in 13 KAR 2:020	<b>Three postsecondary credit hours</b> or more of a Kentucky Department of Education-approved dual credit course with a grade of C or higher	<b>One course and corresponding assessment</b> meeting the following criteria: <b>Advanced placement (AP)</b> with a score of three or higher; <b>or Cambridge Advanced International (CAI)</b> with a score at <b>or above benchmark</b> ; <b>or International Baccalaureate (IB)</b> with a score of five or higher	<b>Industry certification</b> as approved by the Kentucky Workforce Innovation Board	Four credits from valid courses within a single KDE-approved <b>career pathway</b>	Two years of a KDE-approved or Kentucky Labor Cabinet-approved <b>pre-apprenticeship or apprenticeship</b>	A KDE-approved process to verify <b>500 hours of exceptional work experience</b> , <b>or alternative requirements</b> as prescribed in a student's IEP
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## GRADUATION PREREQUISITES FOR STUDENTS ENTERING HIGH SCHOOL IN 2020-2021 (MEET ONE OR A COMBINATION OF THE FOLLOWING TO DEMONSTRATE BASIC COMPETENCE IN READING AND MATH):

The student's **10th-grade** state-required assessments in reading and mathematics meet the minimum criteria. The minimum criteria shall include **scoring, at least, as an Apprentice in reading and mathematics** in the state-required assessments approved by the Kentucky Board of Education. Students who do not meet the minimum criteria on one or both assessments may retake the reading and/or mathematics assessments twice annually in the 11th and 12th grades of high school enrollment.

**Score Proficient or higher for reading or mathematics or both reading and mathematics**, if applicable, on the student's **8th-grade** state-required assessment.

The principal may **submit a collection of the following student evidence** to the superintendent or designee for review and approval: the student's ILP that includes student transcript; if applicable, for students with IEPs, evidence that the student has achieved progress on measurable annual IEP goals as determined by the Admissions and Release Committee; performance on the 10th-grade state-required assessments in reading or mathematics; and appropriate interventions, targeted to the student's needs, provided to the student to ensure support was offered and accessible in order for the student to meet the requirements outlined in this administrative regulation.

### OTHER GRADUATION REQUIREMENTS:

- Pass state-mandated civics test
- Successfully complete a course or program in financial literacy
- Receive instruction in essential workplace skills
- Demonstrate competency in technology
- Completion of annual ILP (6th to 12th grade)



## AISD Graduation Requirements Information

CURRICULUM AND INSTRUCTION

08.113

### Graduation Requirements

In support of student development goals set out in [KRS 158.6451](#) and the Kentucky Academic Standards, all students must complete a minimum of twenty-two (22) credits, including demonstrated performance-based competency in technology, and all other state and local requirements in order to graduate from high school in the District.

Students wishing to receive a regular diploma must pass a civics test made up of one hundred (100) questions selected from the civics test administered to persons seeking to become naturalized citizens and prepared or approved by the Board. A minimum score of sixty percent (60%) is required to pass the test and students may take the test as many times as needed to pass. Students that have passed a similar test within the previous five (5) years shall be exempt from this civics test. This shall be subject to the requirements and accommodations of a student's individualized education program (IEP) or a Section 504 Plan.<sup>5</sup>

In addition to the content requirements established by the Kentucky Academic Standards, and the credits required by the minimum requirements for high school graduation in [704 KAR 003:305](#), the Board may impose other requirements for graduation from high school. Students shall complete an Individual Learning Plan (ILP) that focuses on career exploration and related postsecondary education and training needs.

Students shall complete all parts of the state mandated accountability assessment.

**Graduation Requirements****FOR STUDENTS ENTERING GRADE NINE (9) ON OR BEFORE THE FIRST DAY OF THE 2018-2019 ACADEMIC YEAR**

Credits shall include content standards as provided by the Kentucky Academic Standards established in [704 KAR 003:303](#) and 704 KAR Chapter 8. The required credits and demonstrated competencies shall include the following minimum requirements:

Language Arts	Four (4) Credits (English I, II, III, and IV) taken each year of high school. Students that do not meet the college readiness benchmarks for English and language arts shall take a transitional course or intervention, which is monitored to address remediation needs, before exiting high school.
Social Studies	Three (3) Credits
Mathematics	Three (3) Credits (Algebra I, Geometry and Algebra II) (An integrated, applied, interdisciplinary, occupational, or technical course that prepares a student for a career path based on the student's ILP may be substituted for a traditional Algebra I, Geometry, or Algebra II course on an individual student basis if the course meets the content standards in the Kentucky Academic Standards, established in <a href="#">704 KAR 003:303</a> and 704 Chapter 8. A mathematics course or its equivalent as determined by the District shall be taken each year of high school to ensure readiness for postsecondary education or the workforce. Any mathematics course other than Algebra I, Geometry, or Algebra II shall be counted as an elective. Students that do not meet the college readiness benchmarks for mathematics shall take a transitional course or intervention, which is monitored to address remediation needs, before exiting high school.
Science	Three (3) Credits incorporating lab-based scientific investigation
Health	One-half (1/2) Credit
P.E.	One-half (1/2) Credit
Visual and Performing Arts	One (1) Credit or a standards-based specialized arts course based on the student's ILP
Academic and Career Interest Standards-based Learning Experiences	Seven (7) Credits total (Three (3) plus four (4) standards-based credits in an academic or career interest based on the student's ILP)
Technology	Demonstrated performance-based competency

## Graduation Requirements

### FOR STUDENTS ENTERING GRADE NINE (9) ON OR AFTER THE FIRST DAY OF THE 2019-2020 ACADEMIC YEAR

Credits shall include content standards as provided by the Kentucky Academic Standards established in [704 KAR 003:303](#) and 704 KAR Chapter 8. The required credits and demonstrated competencies shall include the following minimum requirements:

Language Arts	Four (4) Credits total (English I and II plus two (2) credits aligned to the student's ILP)
Social Studies	Three (3) Credits total – (Two (2) plus one (1) credit aligned to the student's ILP)
Mathematics	Four (4) Credits total (Algebra I and II, Geometry plus one (1) credit aligned to the student's ILP)
Science	Three (3) Credits total – (Two (2) credits incorporating lab-based scientific investigation experiences plus one (1) credit aligned to the student's ILP)
Health	One-half (1/2) Credit
P.E.	One-half (1/2) Credit
Visual and Performing Arts	One (1) Credit or a standards-based specialized arts course based on the student's ILP
Academic and Career Interest Standards-based Learning Experiences	Six (6) Credits total (Two (2) plus four (4) standards-based credits in an academic or career interest based on the student's ILP)
Technology	Demonstrated performance-based competency
Additional qualifiers as follows:	

Complete one (1) or more of the following graduation qualifiers:

1. Satisfy precollege curriculum as established by the Council on Postsecondary Education in [013 KAR 002:020](#);
2. Achieve benchmark score as established by the Council on Postsecondary Education in [013 KAR 002:020](#) in one (1) section of a college admissions or placement examination;
3. Complete three (3) postsecondary credit hours or more of a Kentucky Department of Education approved dual credit course with a grade of C or higher;
4. Complete one (1) course and corresponding assessment meeting the following criteria:
  - a) Advanced placement (AP) with a score of three (3) or higher;
  - b) Cambridge Advanced International (CAI) with a score at E or higher; or
  - c) International Baccalaureate (IB) with a score of five (5) or higher;

**Graduation Requirements****FOR STUDENTS ENTERING GRADE NINE (9) ON OR AFTER THE FIRST DAY OF THE 2019-2020 ACADEMIC YEAR  
(CONTINUED)**

5. Obtain an industry certification as approved by the Kentucky Workforce Innovation Board;
6. Complete four (4) credits from valid courses within a single Kentucky Department of Education approved career pathway;
7. Complete a Kentucky Department of Education approved process to verify 500 hours of exceptional work experience, or alternative requirements as determined by a student's Admissions and Release Committee and specified in the student's IEP; and
8. Complete two (2) years in an approved Kentucky Department of Education or Kentucky Labor Cabinet pre-apprenticeship or apprenticeship program.

**Graduation Requirements****FOR STUDENTS ENTERING GRADE NINE (9) ON OR AFTER THE FIRST DAY OF THE 2020-2021 ACADEMIC YEAR**

Credits shall include content standards as provided by the Kentucky Academic Standards established in [704 KAR 003:303](#) and 704 KAR Chapter 8. The required credits and demonstrated competencies shall include the following minimum requirements:

Language Arts	Four (4) Credits total (English I and II plus two (2) credits aligned to the student's ILP)
Social Studies	Three (3) Credits total – (Two (2) plus one (1) credit aligned to the student's ILP)
Mathematics	Four (4) Credits total (Algebra I and Geometry plus two (2) credits aligned to the student's ILP)
Science	Three (3) Credits total – (Two (2) credits incorporating lab-based scientific investigation experiences plus one (1) credit aligned to the student's ILP)
Health	One-half (1/2) Credit
P.E.	One-half (1/2) Credit
Visual and Performing Arts	One (1) Credit or a standards-based specialized arts course based on the student's ILP
Academic and Career Interest Standards-based Learning Experiences	Six (6) Credits total (Two (2) plus four (4) standards-based credits in an academic or career interest based on the student's ILP)
Technology	Demonstrated performance-based competency
Financial Literacy	One (1) or more courses or programs that meet the financial literacy requirements pursuant to <a href="#">KRS 158.1411</a> .
Additional qualifiers and prerequisites as follows:	

- I. Complete one (1) or more of the following graduation qualifiers:
1. Satisfy precollege curriculum as established by the Council on Postsecondary Education in [013 KAR 002:020](#);
  2. Achieve benchmark score as established by the Council on Postsecondary Education in [013 KAR 002:020](#) in one (1) section of a college admissions or placement examination;
  3. Complete three (3) postsecondary credit hours or more of a Kentucky Department of Education approved dual credit course with a grade of C or higher;

**Graduation Requirements****FOR STUDENTS ENTERING GRADE NINE (9) ON OR AFTER THE FIRST DAY OF THE 2020-2021 ACADEMIC YEAR  
(CONTINUED)**

4. Complete one (1) course and corresponding assessment meeting the following criteria:
    - a) Advanced placement (AP) with a score of three (3) or higher;
    - b) Cambridge Advanced International (CAI) with a score at E or higher; or
    - c) International baccalaureate (IB) with a score of five (5) or higher;
  5. Obtain an industry certification as approved by the Kentucky Workforce Innovation Board;
  6. Complete four (4) credits from valid courses within a single Kentucky Department of Education approved career pathway;
  7. Complete a Kentucky Department of Education approved process to verify 500 hours of exceptional work experience, or alternative requirements as determined by a student's Admissions and Release Committee and specified in the student's IEP; and
  8. Complete two (2) years in an approved Kentucky Department of Education or Kentucky Labor Cabinet pre-apprenticeship or apprenticeship program.
- II. Meet one (1) of the following graduation prerequisites for reading and one (1) of the following graduation prerequisites for mathematics:
1. Score at or above the minimum criteria on the tenth (10th) grade state-required assessments in reading or mathematics;
  2. Score proficient or higher for reading or mathematics on the eighth (8th) grade state required assessment;  
or
  3. A student collection of evidence submitted by the Principal to the Superintendent/designee for review and approval. The collection of evidence shall include the following:
    - The student's ILP that includes student transcript;
    - If applicable, for students with IEPs, evidence that the student has achieved progress on measurable annual IEP goals as determined by the Admissions and Release Committee;
    - Performance on the tenth (10th) grade state-required assessments in reading or mathematics;
    - Appropriate interventions, targeted to the student's needs;
    - Student work demonstrating the student's competency in reading or mathematics; and
    - The student's post-graduation plans.

## **Graduation Requirements**

### **PERFORMANCE-BASED CREDITS**

In addition to Carnegie units, students may earn credit toward high school graduation through the District's standards-based, performance-based credit system that complies with requirements of Kentucky Administrative Regulation. Procedures for the developing and amending the system shall address the following:

1. Conditions under which high school credit will be granted under the system that allow students to demonstrate proficiency and earn credit for learning acquired outside the normal classroom setting, outside of school, or in prior learning;  
Performance-based credit may be earned while the student is still "in school," but the instructional setting will look different from a traditional "seat time" environment.
2. Performance descriptors and their linkages to State content standards and academic standards;  
At the high school level, performance descriptors and evaluation procedures shall be established to determine if the content and performance standards have been met.
3. Assessments and the extent to which state-mandated assessments will be used;
4. An objective grading and reporting process; and
5. Criteria to promote and support school and community learning experiences, such as internships and cooperative learning, in support of a student's ILP. Such experiences shall be supervised by qualified instructors and aligned with State and District content and performance standards.

The high school student handbook shall include complete details concerning specific graduation requirements.

In keeping with statutory requirements, the District shall accept for credit toward graduation and completion of high school course requirements an advanced placement or a high school equivalent course taken by a student in grades 5, 6, 7, or 8 if that student attains performance levels expected of high school students in the District as determined by achieving a score of "3" or higher on a College Board Advanced Placement examination or a grade of "B" or better in a high school equivalent.<sup>2</sup>

## **Graduation Requirements**

### **OTHER PROVISIONS**

The Board may grant different diplomas to those students who complete credits above the minimum number as established by the Kentucky Board of Education. In addition, the Board may award a diploma to a student posthumously indicating graduation with the class with which the student was expected to graduate.

The Board, Superintendent, Principal, or teacher may award special recognition to students.

In order to be recognized as the Valedictorian or Salutatorian of the graduating class, a student must have been at Blazer for their entire junior and senior years of high school-four (4) concurrent semesters-and physically be a student on Blazer's campus.

Consistent with the District's graduation practices for all students, an alternative high school diploma shall be awarded to students with disabilities in compliance with applicable legal requirements. In addition, former students may submit to the Superintendent a request that the District provide them with an alternative high school diploma to replace the certificate of attainment they received at time of graduation from the District.<sup>3</sup>

A student who is at least seventeen (17) years of age and who is a state agency child, as defined in [KRS 158.135](#), shall be eligible to seek attainment of a High School Equivalency Diploma.

The District shall report individual student data regarding the completion of each graduation qualifier and each graduation prerequisite to the Kentucky Department of Education.

The Board may substitute an integrated, applied, interdisciplinary, occupational, technical, or higher-level course for a required course if the alternative course provides rigorous content.

### **EARLY GRADUATION CERTIFICATE**

Students who meet all applicable legal requirements shall be eligible for early graduation in relation to receipt of a graduation diploma and an Early Graduation Certificate. Students wishing to follow an early graduation pathway shall notify the Principal of their intent prior to the beginning of grade nine (9) or as soon thereafter as the intent is known, but within the first thirty (30) school days of the academic year in which they wish to graduate. A Letter of Intent to Apply shall be entered into the student information system by October 1 of the year the student declares intent to graduate early.<sup>4</sup>

Students working toward receipt of an Early Graduation Certificate shall be supported by development and monitoring of an ILP to support their efforts.

To graduate early and earn an Early Graduation Certificate, a student shall:

1. Score proficient or higher on the state-required assessments; and
2. Meet the college readiness exam benchmarks established [013 KAR 002:020](#) for placement in credit-bearing courses without the need for remediation.

A student who has indicated an intent to graduate early may participate in the student's state administration of the college readiness exam prior to the junior year, if needed. Students who meet all applicable legal requirements shall be awarded a diploma and an Early Graduation Certificate.

## Graduation Requirements

### **DIPLOMAS FOR VETERANS**

In keeping with statute and regulation, the Board shall award an authentic high school diploma to an honorably discharged veteran who did not complete high school prior to being inducted into the United States Armed Forces during World War II, the Korean conflict, or the Vietnam War.<sup>1</sup>

### **REFERENCES:**

<sup>1</sup>[KRS 40.010](#); [KRS 158.140](#); [704 KAR 007:140](#)

<sup>2</sup>[KRS 158.622](#)

<sup>3</sup>[KRS 156.160](#); 20 U.S.C. sec. 1414

<sup>4</sup>[KRS 158.142](#); [704 KAR 003:305](#)

<sup>5</sup>[KRS 158.141](#)

[KRS 156.027](#); [KRS 158.135](#)

[KRS 158.1411](#); [KRS 158.143](#); [KRS 158.183](#); [KRS 158.281](#)

[KRS 158.302](#); [KRS 158.645](#); [KRS 158.6451](#)

[KRS 158.860](#)

[013 KAR 002:020](#); [702 KAR 007:125](#); [703 KAR 004:060](#)

[704 KAR 003:303](#); [704 KAR 003:306](#); 704 KAR Chapter 8

[OAG 78-348](#); [OAG 82-386](#)

[Kentucky Academic Standards](#)

### **RELATED POLICIES:**

08.1131; 08.14; 08.22; 08.222

09.126 (re requirements/exceptions for students from military families)

Adopted/Amended: 7/22/2019

Order #: 1153

# Promotion and Retention for Students

## ACADEMICS

### GRADE LEVEL CLASSIFICATION AND GRADUATION REQUIREMENTS

24 credits are required for graduation. The basic Carnegie unit of credit is given for the completion of a full year course. One-half unit is awarded for a semester course. A total of 24 units of credit are required for graduation. The following credit requirements have been established for the placement of students in a grade level:

#### NUMBER OF CREDITS

Less than 4 = Grade 9

4 – 9 = Grade 10

10 – 16 = Grade 11

17 – 24 = Grade 12

#### PROMOTION

- To be promoted to Grade 10, students must have earned at least 4 credits.
- To be promoted to grade 11, students must have earned at least 10 credits.
- To be promoted to grade 12, students must have earned at least 17 credits.

The following requirements must be met for graduation from Paul G. Blazer High School:

#### GRADUATION REQUIREMENTS

State Requirements: 4 credits in English, 3 credits in science, 3 credits in social studies, 3 credits in mathematics (math class taken each year), ½ credit in health, ½ credit in physical education, and 1 credit in arts & humanities, and successful completion of national, state, and district required tests and writing pieces.

#### GRADUATION WITH HONORS

1. Each quarter grade is computed in the G.P.A.
2. G.P.A. is calculated to three decimal places, ex. 3.997

Students who have been at Blazer for fewer than two full semesters may graduate with honors but will be placed at the bottom of the category in which they are certified to graduate. However, this will have no effect on class standing.

SUMMA CUM LAUDE – 3.8 – 4.0

MAGNA CUM LAUDE – 3.4 – 3.79

CUM LAUDE – 3.0 – 3.39

## VALEDICTORIAN/SALUTATORIAN

In order to be recognized as the Valedictorian or Salutatorian of the graduating class, a student must have been at Blazer for their entire Junior and Senior years of high school (four concurrent semesters) and physically be a student on Blazer's campus.

## WEIGHTED GRADE POLICY

Weighted grades

A = 5.00

B = 4.00

C = 2.50

D = 1.00

F = 0.00

## WEIGHTED GRADE TRANSFER POLICY

Blazer High School will accept weighted grades only for classes that are recognized as weighted in Blazer's current Curriculum Guide. No weighted credits will be given for transfer credits on the freshmen and sophomore levels.

### **Reference:**

[Paul Blazer Student Handbook \(pg. 21\)](#)

# PAUL BLAZER HIGH SCHOOL SCHEDULING GRID

9 <sup>th</sup> GRADE	10 <sup>th</sup> GRADE	11 <sup>TH</sup> GRADE	12 <sup>TH</sup> GRADE
English	English	English	English
Math	Math	Math	Math
Social Studies	Social Studies	Social Studies	Elective
Science	Science	Science	Elective
Health/PE	Elective/ Humanities	Elective	Elective
Elective/ Humanities	Elective	Elective	Elective
Elective	Elective	Elective	Elective



## Kentucky Council On Postsecondary Education Graduation Requirements

Students who wish to attend a public four year university upon graduation must complete the minimum graduation requirements established by the Kentucky Council on Postsecondary Education. Those requirements differ from the graduation requirements for a high school diploma and include the following:

### Pre-College Curriculum (Students who entered high school in 2018-19)

#### English/Language Arts

4 credits required English I English II English III English IV (or AP English)

#### Mathematics

3 credits required Algebra I Algebra II Geometry (see note below on substitutions)

#### Science

3 credits required Credits to include life science, physical science, and earth/space science (at least one lab course)

#### Social Studies

3 credits required From U.S. History, Economics, Government, World Geography and World Civilization

## **Health**

½ credit required

## **Physical Education**

½ credit required

## **History and Appreciation of Visual, Performing Arts**

1 credit required History and appreciation of visual and performing arts or another arts course that incorporates such content

## **World Language**

2 credits required or demonstrated competency

## **Electives**

7 credits required (*5 rigorous*) Recommended strongly: 1 or more courses that develop computer literacy  
[In 2004, requirement is 5 credits (*3 rigorous*)]

**TOTAL CREDITS:** 22 15 required credits; 7 elective credits (2002) [17 required credits; 5 elective credits (2004)]

A student may substitute an integrated, applied, interdisciplinary, or higher-level course within a program of study if the substituted course offers the same or greater academic rigor and the course covers or exceeds the minimum required content.

*Rigorous* electives should have academic content at least as challenging as that in courses required in the minimum high school graduation requirements. These electives also should be in social studies, science, math, English and language arts, arts and humanities, foreign language, and, above the introductory level, in agriculture, industrial technology, business, marketing, family and consumer sciences, health sciences, and technology education and career pathways. Electives in physical education and health are limited to one-half unit each.

## **Pre-College Curriculum (for students who entered high school in 2019-20 or later)**

KRS 164.020(8) requires that the Council on Postsecondary Education set minimum admission standards for students who wish to enroll at public postsecondary education institutions. 13 KAR 2:020 fulfills this obligation and advises prospective students, local school districts, and public postsecondary institutions on the minimum requirements for admission and course placement to facilitate transition into postsecondary education.

## **Admissions for Enrollment**

The regulation sustains KCTCS' open admissions mission while setting out these minimum requirements for public universities:

- Students must have:
  - a 2.5 GPA OR

- a 2.0 to 2.49 GPA **and** enter into a learning contract.
- Student must take college admission or academic readiness assessments set by the Kentucky Department of Education.
- Student may meet world language requirements after admission.

**Note: Students must have met the graduation requirements as established for their graduation class.**

## **Admissions for Dual Credit**

For admission to a KCTCS institution **or** public university for dual credit courses in **general education**:

- Students must have high school GPA of 2.5; and
- Meet institutional course prerequisites.

For admission to a KCTCS institution or public university for dual credit courses in **career and technical education**, students must meet institutional course prerequisites.

## **Course Placement**

Students at public universities not meeting academic readiness standards will not be required to take developmental courses but will be placed in a corequisite course in the curriculum pathway in which the academic readiness standard has not been met.

Students at KCTCS institutions not meeting academic readiness standards:

- May be required to enroll in no more than one developmental course in the curriculum pathway in which the academic readiness standard has not been met.
- Shall have access to a corequisite or credit-bearing content course in the curriculum pathway within the first academic year of enrollment.

**More information is available at:**

<http://education.ky.gov/curriculum/hsgradreq/Pages/default.aspx>

# School Assessment Program

Paul Blazer High School uses a variety of assessments to make informed decisions about instructional practices, student needs, intervention, and student course selection. Assessments such as ACT, End of Course (EOC) Exams, and K-Prep.

Student participation in transition/enrichment classes is also determined by performance on the ACT exam. The ACT (Grade 11) exam are also part of the state accountability model and students who do not meet established benchmarks on these exams are required to receive transition/remediation. Below are the established benchmarks for each exam:

## The Benchmarks

The ACT College Readiness Benchmarks are scores that represent the level of achievement required for students to have a 50% chance of obtaining a B or higher or about a 75% chance of obtaining a C or higher in corresponding credit-bearing courses. \* Benchmarks have been established for the ACT and ACT Aspire subject-area tests and the supplemental STEM and ELA scores.

The ACT Readiness Benchmarks for ACT Aspire are linked to the ACT College Readiness Benchmarks. Students at or above the benchmark are on target to meet the corresponding ACT College Readiness Benchmark in grade 11.

(<https://www.act.org/content/act/en/college-and-career-readiness/benchmarks.html>)

Benchmarks				
Subject	ACT Aspire Grade 9	ACT Aspire Grade10	The ACT Test	First Year College Course
English	426	428	18	English Composition
Math	428	432	22	College Algebra
Reading	425	428	22	Social Sciences
Science	430	432	23	Biology
ELA	426	428	20	English Composition and Social Sciences
STEM	434	437	26	Calculus, Chemistry, Biology, Physics, and Engineering

*\*Based on a sample of 214 institutions and more than 230,000 students from across the United States, the Benchmarks are median course placement values for these institutions and as such represent a typical set of expectations.*

## Kentucky CPE Benchmarks

The Kentucky Council for Postsecondary Education (CPE) has also established benchmark scores, based on the performance of first year college students. These scores differ slightly from the ACT benchmark scores for the ACT exam. The following ACT scores are required to enter a postsecondary institution within Kentucky:



## COLLEGE READINESS INDICATORS

Beginning 2019-20

Beginning 2019-20, all public postsecondary institutions in Kentucky will use the indicators of readiness established by the Council on Postsecondary Education as measures of college academic readiness. Upon admission to a public postsecondary institution, students scoring at or above the established scores will not be required to complete developmental or corequisite coursework and will be allowed entry into college credit-bearing coursework that counts toward degree credit requirements.

Curriculum Pathway	ACT Score	SAT Score	KYOTE	GED College Readiness	ALEKS
English (Writing)	English 18 or higher	Evidence-Based Reading and Writing 480 or higher or 25 on the Writing and Language Test	Writing 6 or higher	Reasoning through the Language Arts 165 or higher	Not applicable as a placement score
Reading	Reading 20 or higher	Evidence-Based Reading and Writing 480 or higher or 25 or higher on the Reading Test	Reading 20 or higher	Reasoning through the Language Arts 165 or higher	Not applicable as a placement score
Mathematics (Quantitative Reasoning)	Mathematics 19 or higher	Mathematics 500 or higher	College Readiness Mathematics 22 or higher	Mathematical Reasoning 165 or higher	ALEKS PPL 30
Mathematics (College Algebra)	Mathematics 22 or higher	Mathematics 560 or higher	College Algebra 14 or higher	Mathematical Reasoning 175 or higher	ALEKS PPL 46
Mathematics (Calculus)	Mathematics 27 or higher	Mathematics 650 or higher	Calculus 15 or higher	Not applicable as a placement score	ALEKS PPL 76

Per the College Readiness Indicators Workgroup, all exam scores remain an indicator of academic readiness for a minimum of twelve (12) months from the date of administration. Individual institutions may extend the length of time scores remain indicators of academic readiness. However, an institution shall not determine academic readiness using scores received from exams taken more than four (4) years prior. Other exams, prior college coursework, and placement exams may be used for course placement after a student is admitted to a postsecondary institution.

## Student Intervention Requirements

Students who do not meet these benchmark scores on the ACT prior to their senior year at Paul Blazer will receive additional preparation and instruction. Upon completion of a transitional program and intervention, seniors are encouraged to register for a national ACT exam.

# Early College Program – Dual Enrollment Courses

**E**arly College Program courses are available to eligible juniors and seniors at Paul Blazer High School. The program offers courses in English/Composition, United States History, Public Speaking, and College Algebra. Currently these courses are tuition free and available to students who meet the CPE Benchmarks applicable to the course(s) they wish to take. Students may earn up to 12 college credit hours per academic year. Several Early College Programs are available with ACTC.

Students wishing to take Early College Programs, must have met the required benchmarks on the ACT, complete an Admissions Application to the appropriate college/university, and submit the appropriate test scores. This should be completed during the individual scheduling conference conducted during the spring of each academic year. Course fees are currently assessed at 1/3 the tuition rate per credit hour. Seniors may receive scholarship money for 6 credit hours. Our current agreement with MSU allows students to take additional credit hours at no charge, provided that the university received that student's scholarship money from the Dual Credit Scholarship program. Any changes made in this agreement will be forwarded to students and parents.

Per current site-base policy these courses will receive a weighted grade. Students are cautioned that enrollment in the Early College Program results in a college transcript that will be maintained at the applicable institution and that transcript must be forwarded to the institution they attend following graduation. Coursework currently offered is awarded college credit either with Morehead State University or Ashland Community and Technical College.

The following courses are currently offered as part of the Early College/Dual Enrollment Program:

## **ENGLISH 100 (COLLEGE WRITING I) AND ENGLISH IV (SENIOR ENGLISH) [ENG 100 MSU]:**

½ credit (Weighted Course) Open to 12

The course is designed to develop students' skills in reading introductory college-level texts with comprehension and critical awareness; writing effective academic prose; making use of current technologies to locate information relevant to select topics; and making effective and appropriate use of a modest number of sources in expository and persuasive/argumentative essays. This course satisfies the Core Writing I general education requirement. Senior English will explore and analyze British Literature and non-fiction from ancient to classical with written assignments and presentations. This is a dual credit course with permanent college credit on the MSU transcript and high school credit on the Blazer transcript. At least 1 major college text book and possibly other smaller texts must be purchased by each student by the beginning of the semester. **Students completing this course will receive 3 Credit Hours with Morehead State University.**

***Prerequisite: Meet the English (18) and Reading (20) benchmark on ACT and a B average in Junior English or strong recommendation from Junior English teacher.***

## **ENGLISH 200 (COLLEGE WRITING II) AND ENGLISH IV (SENIOR ENGLISH) [ENG 200 MSU]:**

½ credit (Weighted Course) Open to 12

An exploration of diverse texts with an emphasis on articulating written responses to these works from interdisciplinary perspectives. Building on information-literacy skills developed in Writing I and other general education courses, students read, analyze, and evaluate diverse cultural texts from different perspectives to find connections across the natural sciences, the social and behavioral sciences, and the humanities. This course satisfies the Core Writing II general education requirement. Senior English will explore and analyze British Literature and non-fiction from classical to contemporary with written assignments and presentations. This is a dual credit course with permanent college credit on the MSU transcript and high school credit on the Blazer transcript. At least 1 major college text book and possibly other smaller texts must be purchased by each student by the beginning of the semester.

**Students completing this course will receive 3 Credit Hours with Morehead State University.**

***Prerequisite: successful completion of ENG 100 (College Writing I).***

## **PUBLIC SPEAKING [COMS 108 MSU]**

½ credit (Weighted Course) Open to 12

An overview of the field of communications and its various sub-disciplines, including public relations, leadership, group facilitation, training, gender communication, and conflict treatment, with a focus on history of the field and communication theories that support practical activity in professions and society and an emphasis on face-to-face and device-mediated messaging. The course will include practice and study of speech communication fundamentals, including interpersonal skills, critical listening, small group problem solving, information gathering, and preparation and delivery of a variety of informal presentations. **Students completing this course will receive 3 Credit Hours with Morehead State University.**

***Prerequisite: It is strongly recommended that students meet the English (18) and Reading (20) benchmark on ACT and a B average in Junior English or strong recommendation from Junior English teacher.***

## **HIS 108 [HIS 108 ACTC] HISTORY OF THE US THROUGH 1865 (FALL SEMESTER)**

½ credit (Weighted Course) Open to 11

This course is a freshman college level course. HIS 108 is a very rigorous course that focuses on developing students' understanding of American History from 1492 to the Civil War. The course has students investigate the content of U. S. History for significant events, individuals and develop historical thinking skills. Students will analyze primary and secondary sources, make historical comparisons, and write essays. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. In addition, attendance is extremely important in this class.

Students passing HIS 108 will receive 3 credit hours with ACTC.

***Prerequisite: ACT Reading Benchmark (22) and students must have maintained an "A" average in ACC World Civilizations or have recorded an "A" in all four quarters of CCR World Civilizations (not an average).***

## **HIS 109 [HIS 109 ACTC] HISTORY OF THE US SINCE 1865 (SPRING SEMESTER)**

½ credit (Weighted Course) Open to 11

This course is a freshman college level course. HIS 109 is a very rigorous course that focuses on developing students' understanding of American History from Reconstruction to the present day. The course has students investigate the content of U. S. History for significant events, individuals and develop historical thinking skills. Students will analyze primary and secondary sources, make historical comparisons, and write essays. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. In addition, attendance is extremely important in this class.

Students passing HIS 109 will receive 3 credit hours with ACTC.

***Prerequisite: ACT Reading Benchmark (22) and students must have maintained an "A" average in ACC World Civilizations or have recorded an "A" in all four quarters of CCR World Civilizations (not an average).***

## **COLLEGE ALGEBRA [MATH 152 MSU]**

½ credit (Weighted Course) Open to 11, 12

Dual Credit Course

This course is designed to be equivalent to a credit-bearing College Algebra course for students intending to enter into post-secondary education. The content goes beyond a traditional Algebra 2 course. **Students completing this course will receive 3 Credit Hours with Morehead State University. Students must pay \$68 software fee before enrolling in the course.**

**Prerequisite:** *ACT mathematics sub score of at least 22*

## **BIOLOGY 137[BIO137 ACTC]/139[BIO139 ACTC] – HUMAN ANATOMY & PHYSIOLOGY I/II**

1 credit (Weighted Course) Open 11, 12

The interrelationship of structure and function of each body system will be presented in two semesters. The first semester will include basic chemistry, cell structure, cell physiology, metabolism, tissues, and integumentary, skeletal, muscular, and nervous systems. Reading and English assessment exam scores above the KCTCS developmental level and a mathematics placement score above the score range for MAT 065 or successful completion of the prescribed developmental course(s) or consent of the instructor. Lecture: 3.0 credits; Lab: 1.0 credit.

Course Requisites: Reading and English assessment exam scores above the KCTCS developmental level and a mathematics placement score above the score range for MAT 65 or successful completion of the prescribed developmental course(s) or consent of the instructor. Students must meet the ACT Benchmark of 18.

Lecture: 3.0 credits; Lab: 1.0 credit

## **ALLIED HEALTH SCIENCE - 115 MEDICAL TERMINOLOGY [AHS 115 ACTC]:**

½ credit (Weighted Course) Open to 11, 12

A course designed to develop a working knowledge of language in all health science major areas. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. Students will learn correct pronunciation, spelling and application rules. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in health care. This course is offered for dual-credit with Ashland Community and Technical College. **Students should expect to pay tuition and any fees associated with this course.**

## **NAA 100 Nursing Assistant Skills I [NAA100ACTC]/Medicaid Nurse Aide [170631]:**

1 Credit (Weighted Course) Open to 12

Provides knowledge and skills for nurse aides to assume the role and responsibility required in a long term care setting. The focus is communication, infection control, safety, resident/patient rights, and basic nursing skills. Note: Faculty and clinical sites must comply with applicable Federal and Kentucky laws and regulations including but not limited to 42 USC 1396r and 907 KAR 1:450. Lecture: 3 credits (75 contact hours).

**Prerequisite:** *3.0 Unweighted GPA and 18 or higher composite on ACT*

## **CIS 101 INTRO TO COMPUTERS/MICROSOFT OFFICE SPECIALIST (MOS/MCAS) [CIS101MSU]:**

1 Credit (Weighted Course) Open 11, 12

This course is designed to be equivalent to CIS 101/Computers for Learning. Students will learn effective strategies for learning and applying microcomputer software including word processing, spreadsheet, presentation and database management. The course introduces concepts, terminology, and tools of the microcomputer software operating and application system environment. Introduction to the effective utilization of networking for communication, research, and information downloading is also incorporated in the course. Emphasis is on preparing the student to use computer

technology effectively in education and work environments. Advanced functions and integration of Microsoft Excel, Word, and PowerPoint will be taught. Students will work toward MOS Certification in each of these Microsoft areas. **Students completing this course will receive 3 Credit Hours with Morehead State University. Prepare for possible software fee. Prerequisite: 3.0 Unweighted GPA and 18 or higher composite on ACT**

**BAS 160 INTRO TO BUSINESS (Business Management) [BAS160 ACTC]:**

1 credit (Weighted Course) Open to 11, 12

Introduction to Business expands student understanding of management. It exposes students to several types of management, including customer relationship management, human resources management, knowledge management, information management, project management, quality management, risk management, and strategic management. Business law, communication skills, economics, operations, and professional development are also stressed throughout the course. Current technology will be used to acquire information and to complete activities. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic and critical-thinking skills. Leadership development will be provided through FBLA (Future Business Leaders of America). **Students completing this course will receive 3 Credit Hours with ACTC. Prerequisite: 3.0 Unweighted GPA and 18 or higher composite on ACT**

**BAS 120 PERSONAL FINANCE (Financial Literacy) [BAS120 ACTC]:**

1 credit (Weighted Course) Open to 11, 12

Provides information needed to make intelligent choices and to take effective action in the management of personal resources. Applies financial planning, buying, borrowing, saving, budgeting, investing, insurance, and taxes to personal finances. **Students completing this course will receive 3 Credit Hours with ACTC. Prerequisite: 3.0 Unweighted GPA and 18 or higher composite on ACT**

## KHEAA-Administered Programs - Dual Credit Scholarship Program

The Dual Credit Scholarship provides assistance for Kentucky high school and home school students who are taking dual credit classes at a participating Kentucky college or university. Eligible students may receive scholarships for up to two classes.

- Student must:
  - Be a Kentucky resident; and
  - Be enrolled in a Kentucky public or private high school, or Kentucky home school, in grades 11 or 12; and
  - Be enrolled, or approved for enrollment, in an approved dual credit class at a participating Kentucky college or university; and
  - Complete a 30-minute college success counseling session each year a scholarship is awarded.
- Award:
  - Equal to dual credit class amount charged by the participating college or university.
  - Limited to two dual credit classes for the 2023-2024 year.
  - May not be used for developmental, remedial or repeated classes.
- [Participating colleges and universities](#) have agreed to:
  - Charge no more than the dual credit tuition ceiling rate, which is 1/2 of the KCTCS hourly tuition rate (\$91 per credit hour for the 2023-2024 year), for all dual credit classes taken by Kentucky high school and home school students regardless of scholarship eligibility.
  - Charge no additional fees to dual credit students including, but not limited to, lab fees, special equipment and admission/application fees.
- Application:
  - Kentucky public and private high school students:
    - The student's high school will send information to KHEAA identifying the students taking dual credit. KHEAA will, in turn, contact students to obtain college and semester preferences for scholarship use.
  - Kentucky home school students:
    - Complete and submit the [Dual Credit Scholarship Application](#).
    - The deadline for submitting a 2023-2024 year application is October 1, 2023 for the fall semester and March 1, 2024 for the spring semester.
- Other:
  - KHEAA will notify all applicants of their award or denial status.
  - Scholarship funds will be disbursed by KHEAA to the student's participating college or university upon receipt of enrollment verification.

# Accelerated, Advanced Placement, & Dual Credit

## English – Language Arts

Accelerated English 1  
Accelerated English 2  
Accelerated English 3  
AP Language and Composition  
AP Literature and Composition  
English 100 – Writing I  
English 200 – Writing II

## Mathematics

Accelerated Geometry  
Accelerated Algebra 2  
AP Pre-Calculus  
AP Calculus AB  
AP Statistics  
MATH 152 – College Algebra

## Arts/Humanities

AP Music Theory (offered rotating years)  
AP Studio Art  
AP Art History

## Social Studies

Accelerated Integrated Social Studies  
Accelerated World Civilizations  
AP United States History  
AP US Government and Politics  
AP Psychology

## Science

Accelerated Biology  
Accelerated Chemistry  
AP Biology  
AP Chemistry  
AP Physics  
AP Environmental Science  
Biology 105 – Introduction to Biological Sciences  
Biology 137 – Human Anatomy and Physiology I  
Biology 139 – Human Anatomy and Physiology II

## World Languages

Accelerated Spanish 2 and 3  
Accelerated French 2 and 3  
AP Spanish Language  
AP French Language

## Program Note

<sup>1</sup>Advanced Placement courses and Early College courses **taught by Blazer Faculty**, will receive a weighted grade as follows: A=5, B=4, C=2.5, D=1, F=0.

<sup>2</sup>Students may qualify for college credit in Advanced Placement courses by taking the exam at the end of the course. Students should discuss qualifying scores at the institution they plan to attend.

<sup>3</sup>Advanced Placement Exams will be administered according to the AP Exam schedule – exams are typically scheduled during the first two weeks of May, students are required to pay the required fee for each exam taken. Students on free or reduced lunch may apply for a fee reduction.

## **AP Exam Fees**

The fee for each exam is \$93, with schools retaining a \$9 rebate per exam. Students who qualify for Federal Free/Reduced Lunch program may apply for a fee reduction and/or assistance. Students should see their school counselor prior to exam registration. (Fee subject to change by College Board prior to test dates.)

To learn more visit:  AP<sup>®</sup>Students

# **AGRICULTURE EDUCATION DEPARTMENT**

## **PRINCIPLES OF AGRICULTURAL SCIENCE AND TECHNOLOGY [030715]**

1 credit            Open to 9, 10, 11, 12

This course provides instruction in the foundations of various segments of the agricultural industry. Agricultural career opportunities will be emphasized. Animal science, plant and land science, and agricultural mechanics skills will be the focus of the curriculum. The selection and planning of a supervised agricultural experience program and related record keeping will be presented. Leadership development will be provided through the National FFA Organization. Students will receive personal guidance and counseling with preparatory instructional program selection.

## **AGRICULTURE EMPLOYABILITY SKILLS [010121]**

1 credit            Open to 10, 11, 12

Agriculture Employability Skills provides opportunities to develop skills in: job searching, preparing resumes, writing letters of application, job interview, attitude, communicating effectively, human relations and accepting responsibilities. Leadership development will be provided through the National FFA Organization. Each student will be expected to have a supervised agricultural experience program.

## **INTRO TO GREENHOUSE AND CROP PRODUCTION [010611]**

1 credit            Open to 10, 11, 12

Introduction to Greenhouse and Crop Production develops basic scientific knowledge and skills pertaining to management of soil and its effects on human and animal food and fiber production, the environment, and meeting basic needs of life. The relationship of soil to plant growth and horticulture will be emphasized. Plant anatomy, reproduction, growth, health, and current biotechnological advances will be included. Leadership development will be provided through the National FFA Organization. Each student will be expected to have a supervised agricultural experience program.

## **FLORICULTURE AND FLORAL DESIGN [010621]**

1 credit            Open to 10, 11, 12

Floriculture and Floral Design provides instruction to develop floral design techniques using silk, dried, and fresh flowers. Students will learn operation and management techniques of a floral business as well as identification, production, and cultural maintenance practices of plants used in floral design and interior landscaping. Leadership development will be provided through the National FFA Organization. Each student will be expected to have a supervised agricultural experience program.

### **SMALL POWER AND EQUIPMENT [010231]**

1 credit            Open to 10, 11, 12

This course is designed to develop skills in maintenance, repair, and operation of equipment, small combustion-type engine and electric motors. Leadership development will be provided through the National FFA Organization. Each student will be expected to have a supervised agricultural experience program. **NOTE: This course will be offered on a rotation basis – Next offered 2025-2026 Academic Year.**

### **AGRICULTURE POWER AND MACHINERY OPERATION [010212]**

1 credit            Open to 10, 11, 12

This course provides instruction and hands-on experience in basic principles of agricultural machinery assembly, operation, maintenance, service repair and safety. Leadership development will be provided through the National FFA Organization. Each student will be expected to have a supervised agricultural experience program. **NOTE: This course will be offered on a rotation basis – Next offered 2024-2025 Academic Year.**

### **ANIMAL SCIENCE [020501]**

1 credit            Open to 10, 11, 12

Animal Science develops basic knowledge and skills pertaining to animal identification, selection, nutrition, reproduction and genetics, health management, and marketing of farm and companion animals commonly produced in Kentucky. The latest production technologies, as well as biotechnological applications, will be included. Leadership development will be provided through the National FFA Organization. Each student will be expected to have a supervised agricultural experience program. **NOTE: This course will be offered on a rotation basis- Next offered 2025-2026 Academic Year.**

### **VETERINARY SCIENCE [020511]**

1 credit            Open to 10, 11, 12

Veterinary science topics include safety, sanitation, anatomy and physiology, clinical exams, hospital procedures, parasitology, posology, laboratory techniques, nutrition, disease, office management, and animal management. Careers are also explored. Leadership development will be provided through the National FFA Organization. Each student will be expected to have an agricultural experience program. **NOTE: This course will be offered on a rotation basis – Next offered 2024-2025 Academic Year.**

### **AGRICULTURAL EDUCATION INTERNSHIP [030791]**

1 credit            Open to 11, 12

Provides supervised work-site experience for high school students enrolled in a pathway course associated with their identified career pathway. Internship experiences consist of a combination of classroom instruction and field experiences. **NOTE: Must have completed all 4 courses in the pathway and have instructor approval.**

## Paul G. Blazer Career Pathway

**Program Area:** Agriculture Education

**Pathway:** Agriculture Power, Structural, Technical Systems CIP01.0201.00

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	Principles of Agriculture Science & Technology Or Agriculture Employability Skills			
10TH	English 10	Geometry	Biology	World Civilizations	Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Small Power and Equipment Or Agriculture Power and Machinery Operation		
11TH	English 11	Algebra II	Chemistry	U.S. History	Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Small Power and Equipment Or Agriculture Power and Machinery Operation		
12TH	English 12	Fourth Year of Math			Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Small Power and Equipment Or Agriculture Power and Machinery Operation		<b>High Demand</b> EOP Exams ICEV Equipment and Engine Training Council Principles of Small Engine Technology

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Agriculture Education

**Pathway:** Animal Science Systems CIP 01.0901.00

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	Principles of Agriculture Science & Technology Or Agriculture Employability Skills			
10TH	English 10	Geometry	Biology	World Civilizations	Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Animal Science Or Veterinary Science Or Equine Science		
11TH	English 11	Algebra II	Chemistry	U.S. History	Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Animal Science Or Veterinary Science Or Equine Science		
12TH	English 12	Fourth Year of Math			Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Animal Science Or Veterinary Science Or Equine Science		<b>EOP Exams</b> ICEV Elanco Fundamentals of Animal Science Or ICEV Elanco Veterinary Medical Applications Or NAVTA Veterinary Assisting certification

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Agriculture Education

**Pathway:** Plant Science Systems CIP 01.1101.00

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	Principles of Agriculture Science & Technology Or Agriculture Employability Skills			
10TH	English 10	Geometry	Biology	World Civilizations	Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Introduction to Greenhouse and Crop Production Or Floriculture and Floral Design		
11TH	English 11	Algebra II	Chemistry	U.S. History	Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Introduction to Greenhouse and Crop Production Or Floriculture and Floral Design		
12TH	English 12	Fourth Year of Math			Principles of Agriculture Science & Technology Or Agriculture Employability Skills	Introduction to Greenhouse and Crop Production Or Floriculture and Floral Design		<b>EOP Exams</b> ICEV BASF - Plant Science Certification

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

# **ART DEPARTMENT:**

**A.Tackett, Chair**

## **ARTS & HUMANITIES APPRECIATION [500111]:**

1 credit      Open 9, 10, 11, 12

This course is a survey of those ideas and concepts that have most shaped the course of humanity's artistic forms, from prehistoric roots to the present. Trends and movements in music, dance, the visual and performing arts are emphasized; but students will also study aspects of literature, philosophy, and technology as they have developed in Western Culture. This course may be used as a graduation requirement for Arts and Humanities.

## **VISUAL ART 1 [500710]:**

1 credit      Open to 9, 10, 11, 12

This general course is the beginning art class for high school students. This course utilizes the elements and principles of art and artistic awareness under studio conditions. All art experiences are based on the elements and principles of design or time periods in art history. Students become acquainted with a number of different media and are encouraged to experience, invent, and translate learning from one medium to another. The specific program content includes: drawing, color, perspective, composition, art vocabulary, art history, painting, design, and three-dimensional experiences. A \$5.00 fee for consumable supplies is required. *This course also will include the core curriculum for history and appreciation of visual and performing arts and may be used as the Kentucky High School Graduation Requirement for Arts and Humanities.*

## **VISUAL ART 2 [500711]:**

1 credit      Open to 9, 10, 11, 12

This course offers the student an opportunity to advance to a higher level of understanding of all the facets of art introduced in Visual Art 1. An in-depth study of the elements of composition will be required in drawing and painting. New drawing and painting tools and techniques will be introduced. Introductory color theory will be advanced to include acrylic, tempera, and watercolor painting. The student will gain more experience in perspective, composition and design, and three-dimensional projects. Graphic design will be explored. Sufficient knowledge of art history and theory will allow the student perspective for making or assessing judgments about works of art. Original ideas and designs will be stressed. A \$10.00 fee for consumable supplies is required.

***Prerequisite: Visual Art 1***

***Note: Incoming 9<sup>th</sup> grade students may enroll in Visual Art 2 based on ability and teacher recommendation. Students would be required to complete the Visual Arts Specialization to complete the Art/Humanities graduation requirement.***

## **DRAWING/PAINTING [500712]:**

1 credit      Open to 10, 11, 12

The first-half of this course will focus on a wide variety of drawing experiences both in and out of the classroom. Drawing media will include: graphite, charcoal, pen and ink, colored pencils, pastels, etc. The second-half will focus on painting techniques where students will learn color theory. Painting media will include: water color and acrylic. A \$20.00 fee for consumable supplies is required.

***Prerequisite: Visual Art 1 & 2.***

## **ADVANCED ART [500714]:**

1 credit      Open to 11, 12

Emphasis is placed upon individual style and skill. Students will master and apply color theory and perspective. Originality and using all the elements of composition and design will be stressed. A \$20.00 fee for consumable supplies is required.

***Prerequisite: Visual Art 1 & 2, Drawing/Painting***

### **DIGITAL PHOTOGRAPHY & DESIGN [500720]:**

1 credit            Open to 11, 12

Emphasis is on photography. Class will center on photography techniques and applications. Photo manipulation and graphic design will be explored. A \$10.00 fee for consumable supplies is required.

***Prerequisite: Visual Art 1 & Art 2 and Teacher Recommendation.***

### **ADVANCED PLACEMENT STUDIO ART [500716]:**

1 credit (Weighted Course)    Open to 12

Advanced Placement Art is designed for students who have exhibited exceptional ability and intend to major in art in college. Intense work in a variety of media will be employed to prepare the student for A.P. Portfolio credit. Students must exhibit their work and summer course work is required. Performance-based skills are taught and evaluated. Cost per student for portfolio preparation will be \$80.00 to \$125.00. Production and submission of AP Portfolio is required with portfolio reviews in April of junior year.

***Prerequisite: Visual Art 1 and 2, Advanced Art, and teacher recommendation***

**Note: Failure to complete summer work will not result in schedule change.**

### **ADVANCED PLACEMENT ART HISTORY [500721]:**

1 credit (Weighted Course)    Open to 11, 12

The AP Art History course should engage students at the same level as an introductory college art history survey. Such a course involves critical thinking and should develop an understanding and knowledge of diverse historical and cultural contexts of architecture, sculpture, painting and other media. It also provides an opportunity for schools to strengthen an area neglected in most curricula. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam. (This course does not fulfill the Arts and Humanities graduation requirement.)

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***Prerequisite: Students must meet two of the following: ACT benchmark for Reading (21 or higher), or an "A" or "B" in any Accelerated or AP Social Studies class taken as a Sophomore or Junior OR an "A" in US History.***

### **ARTS AND HUMANITIES SPECIALIZATION – VISUAL ARTS**

3 or 4 credits            Open to 9, 10, 11, 12

Students wishing to pursue a specialized arts graduation credit may, through indication on his/her Individual Learning Plan **AND** with teacher recommendation may enroll for a minimum of three (3) years of a standards-based Visual Arts course. Successful completion of a three-year course of study may be used as the Kentucky High School Graduation Requirement for Arts and Humanities.

## **BUSINESS EDUCATION DEPARTMENT:**

**Ramona Bellew, Chair**

### **DIGITAL LITERACY [060112]:**

1 credit      Open to 9, 10, 11, 12

Digital Literacy is a full-year course, which enables students to use computer and application software including word processing, database, spreadsheets, Internet, and email to prepare elementary documents and reports. The impact of computers on society and ethical issues are presented.

**Prerequisite:** *Basic keyboarding skills*

### **MICROSOFT OFFICE SPECIALIST (MOS/MCAS) [070750]:**

1 Credit      Open 11, 12

Students will have the opportunity to increase their computer skills. Advanced functions and integration of Microsoft Word, Excel, and PowerPoint will be taught. Students will work toward MOS Certification in one or more of these Microsoft areas. In addition, students will utilize Internet access to complete various projects and GMetrix practice software. **NOTE: There is a Dual Credit option for this course available to grades 11 & 12 CIS 101.**

### **FINANCIAL MANAGEMENT [070122]:**

1 credit      Open to 10, 11, 12

The accounting principles taught in this course include an in-depth study of accounting principles, procedures, and techniques used in keeping financial records for sole proprietorships, partnerships, and corporations. There is an emphasis on automated accounting. **NOTE: This course will be offered on a rotation basis – Next offered 2025-2026 Academic Year.**

### **ADVANCED ACCOUNTING [070125]:**

1 credit      Open 11, 12

College Accounting uses an integrated approach to teach accounting. Students first learn how businesses plan for and evaluate their operating, financing, and investing decisions and then how account systems gather and provide data to internal and external decisions makers. This year-long course covers all the learning objectives of a traditional college level financial accounting course, plus those from a managerial accounting course. Topics include an introduction to accounting, accounting information systems, time value of money, and accounting for merchandising firms, sales, and receivables, fixed assets, debt and equity. Other topics include statement of cash flows, financial ratios, cost-volume profit analysis and variance analysis.

**NOTE: This course will be offered on a rotation basis – Next offered for 2024-2025 Academic Year.**

### **INTRODUCTION TO BUSINESS MANAGEMENT (Introduction to Management) [060411]:**

1 credit      Open to 11, 12

Business Management emphasizes the skills needed for managing a business that involves the selection and supervision of employees including efficient use of time, personnel, facilities, and financial resources. Students will explore forms of business ownership; typical business organizational structure; product or service promotion in business; effective communications; human relations skills required in dealing with employees; and effective management strategies used in personnel, finance, production, marketing, and information processing. **NOTE: There is a Dual Credit Option available for grades 11 & 12- BAS 160**

### **BUSINESS AND MARKETING ESSENTIALS [060111]:**

1 credit      Open to 9, 10

Business Principles and Applications establish a basic foundation for further study in business courses and provide essential information for making financial and economic decisions. Students learn about the fundamentals of the American free enterprise system and world economics; application of sound money management for personal and family finances, credit management; consumer rights and responsibilities; forms of business ownership; risk and insurance; and the importance of international trade.

**PERSONAL FINANCE [060170]:**

1 credit      Open to 9, 10, 11, 12

This course is designed to provide students with the knowledge and skills to manage one's financial resources effectively for lifetime financial security. Topics include economics, money in the economy, budgeting, credit, consumer rights, investments and retirement planning. **NOTE: There is a Dual Credit Option available for grades 11 & 12- BAS 120.**

**BUSINESS EDUCATION INTERNSHIP [060108]:**

1-2 Credits      Open to 12

Internship for CTE (Career and Technical Education) courses provides supervised worksite experience for high school students who are enrolled in a pathway course associated with their identified career pathway. Internship experiences consist of a combination of classroom instruction and field experiences. A student receiving pay for an intern experience is one who is participating in an experience that lasts a semester or longer and has an established employee employer relationship. A non-paid internship affects those students who participate on a short-term basis (semester or less). All information referenced to the Work Based Learning Manual. Leadership development will be provided through FBLA. **NOTE: Must complete all 4 courses in the pathway by end of junior year or take the 4<sup>th</sup> one with the Internship; 2 class periods are allotted.**

**BUSINESS EDUCATION CO-OP [060107]**

1-2 Credits      Open to 12

Cooperative Education for CTE (Career and Technical Education) courses provides supervised worksite experience related to the student's identified career pathway. A student must be enrolled in an approved pathway course during the same school year that the co-op experience is completed or have already completed the pathway the previous year. Students who participate receive a salary for these experiences in accordance with local, state, and federal minimum wage requirements according to the Work Based Learning Manual. Leadership development will be provided through FBLA. **NOTE: Must complete all 4 courses in the pathway by end of junior year or take the 4<sup>th</sup> one with the Co-Op; 2 class periods are allotted.**

**Information Technology****DIGITAL LITERACY [060112]:**

1 credit      Open to 9, 10, 11, 12

Digital Literacy is a full-year course, which enables students to use computer and application software including word processing, database, spreadsheets, Internet, and email to prepare elementary documents and reports. The impact of computers on society and ethical issues are presented.

***Prerequisite: Basic keyboarding skills***

**INTRODUCTION TO PROGRAMMING/JAVA SCRIPT [110809]:**

1 Credit      Open to 9, 10, 11, 12

This course focuses on the general writing and implementation of generic and atomized programs to drive operating systems. Instruction includes software design, languages, and program writing, and trouble-shooting. Students are introduced to fundamental programming concepts using an industry-specific or emerging programming language. Includes data types, control structures, simple data structures, error-handling, modular programming, information and file processing, and uniqueness of the language used in the course. **NOTE: This course will be offered on a rotation basis- Next offered in this catalog for 2025-2026 Academic Year.**

**COMPUTATIONAL THINKING [110251]:**

1 Credit      Open to 10, 11, 12

Computational Thinking promotes understanding of computer programming and logic by teaching students to think like a computer. It covers skills needed to develop and design language-independent solutions to solve computer-related

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problems. Instruction covers development and design basics including use of variables, control and data structures, and principles of command-line and object-oriented languages. **NOTE: This course will be offered on a rotation basis- Next offered in this catalog for 2024-2025 Academic Year.**

### **AP COMPUTER SCIENCE PRINCIPLES [110711]**

1 Credit (Weighted Course) Open to 11, 12

AP Computer Science Principles introduces students to the breadth of the field of computer science. In this course, students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. Students will also explain how computing innovations and computing systems, including the Internet, work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical. Students spend at least 20 hours of programming and applying learned concepts through programming. (Programming is defined, by the K-12 CS Framework, as the craft of analyzing problems and designing, writing, testing, and maintaining programs to solve them). **Suggested Pre-Requisites: Introduction to Programming/Java Script and Computational Thinking.**

## **Dual Credit Offerings**

### **CIS 101 INTRO TO COMPUTERS/MICROSOFT OFFICE SPECIALIST (MOS/MCAS) [CIS101MSU] [070750DC]:**

1 Credit (Weighted Course) Open 11, 12

This course is designed to be equivalent to CIS 101/Computers for Learning. Students will learn effective strategies for learning and applying microcomputer software including word processing, spreadsheet, presentation and database management. The course introduces concepts, terminology, and tools of the microcomputer software operating and application system environment. Introduction to the effective utilization of networking for communication, research, and information downloading is also incorporated in the course. Emphasis is on preparing the student to use computer technology effectively in education and work environments. Advanced functions and integration of Microsoft Excel, Word, and PowerPoint will be taught. Students will work toward MOS Certification in each of these Microsoft areas.

**Students completing this course will receive 3 Credit Hours with Morehead State University. Prepare for possible software fee. Prerequisite: 3.0 Unweighted GPA and 18 or higher composite on ACT**

### **BAS 160 INTRO TO BUSINESS (Business Management) [BAS160 ACTC] [060411DC]:**

1 credit (Weighted Course) Open to 11, 12

Introduction to Business expands student understanding of management. It exposes students to several types of management, including customer relationship management, human resources management, knowledge management, information management, project management, quality management, risk management, and strategic management. Business law, communication skills, economics, operations, and professional development are also stressed throughout the course. Current technology will be used to acquire information and to complete activities. Throughout the course, students are presented ethical dilemmas and problem-solving situations for which they must apply academic and critical-thinking skills. Leadership development will be provided through FBLA (Future Business Leaders of America). **Students completing this course will receive 3 Credit Hours with ACTC. Prerequisite: 3.0 Unweighted GPA and 18 or higher composite on ACT**

### **BAS 120 PERSONAL FINANCE (Financial Literacy) [BAS120 ACTC] [060170DC]:**

1 credit (Weighted Course) Open to 11, 12

Provides information needed to make intelligent choices and to take effective action in the management of personal resources. Applies financial planning, buying, borrowing, saving, budgeting, investing, insurance, and taxes to personal finances. **Students completing this course will receive 3 Credit Hours with ACTC. Prerequisite: 3.0 Unweighted GPA and 18 or higher composite on ACT**



## Paul G. Blazer Career Pathway

**Program Area:** Business Education

**Pathway:** Administrative Support CIP 52.0401.00

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	Digital Literacy or Business Marketing Essentials*			
10TH	English 10	Geometry	Biology	World Civilizations	Digital Literacy or Business Marketing Essentials*	Personal Finance or Financial Management or Advanced Accounting **		
11TH	English 11	Algebra II	Chemistry	U.S. History	Microsoft Office Specialist (MOS)/CIS 101 Intro to Computers DC (Required)*	Personal Finance/BAS 120 Personal Finance or Financial Management or Advanced Accounting**		
								<b>High Demand</b>
12TH	English 12	Fourth Year of Math			Microsoft Office Specialist (MOS)/Intro to Computers DE (Required)* Business Education Co-Op or Internship if requirements are met.	Personal Finance/BAS 120 Personal Finance or Financial Management or Advanced Accounting**		<b>Industry Certification Exam:</b> Assessment of Skills and Knowledge for Business (ASK) - Fundamental Business Concepts AND Microsoft Office Specialist (MOS) - Excel, PowerPoint, Word

**\*Complete 3 Credits in Required Courses – Digital Literacy, MOS/Intro to Computers, Accounting & Finance Foundations, Business and Marketing Essentials.**

**\*\*Choose 1 Credit in Required – Personal Finance/BAS 120 Personal Finance or Advanced Accounting or Financial Management**

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Business Education

**Pathway:** Accounting CIP 52.0301

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies		<i>Business &amp; Marketing Essentials**</i>	<i>Digital Literacy**</i>	
10TH	English 10	Geometry	Biology	World Civilizations	<b>Financial Management *</b>	<i>Business &amp; Marketing Essentials**</i>	<i>Digital Literacy**</i>	
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Financial Management Or Advanced Accounting*</b> Or Microsoft Office Specialist/ CIS 101 Intro to Computers	<i>Introduction to Business Management/ BAS 160 Intro to Business**</i>	<i>Personal Finance/ BAS 120 Personal Finance**</i>	
								<b>High Demand</b>
12TH	English 12	Fourth Year of Math			<b>Advanced Accounting*</b> Or Microsoft Office Specialist/ CIS 101 Intro to Computers  Business Education Co-Op or Internship if requirements are met.	<i>Introduction to Business Management/ BAS 160 Intro to Business**</i>	<i>Personal Finance/ BAS 120 Personal Finance**</i>	<b>Industry Certification and/or EOP Exam:</b> Assessment of Skills and Knowledge for Business (ASK) - Concepts of Finance (#ME23) AND Microsoft Office Specialist (MOS) - Excel, PowerPoint, Word

**\*Choose 2 Credits in Required Courses.**

**\*\*Choose 1-2 Credits in Recommended Courses.**

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Business Education

**Pathway:** Management & Entrepreneurship CIP 52.0701.00

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Business &amp; Marketing Essentials*</b>		<i>Digital Literacy</i>	
10TH	English 10	Geometry	Biology	World Civilizations	<b>Business &amp; Marketing Essentials*</b>	<b>Personal Finance*</b>	<i>Digital Literacy</i>	
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Introduction to Business/Management or BAS 160 Intro to Business*</b>	<b>Personal Finance or BAS 120 Personal Finance or Advanced Accounting*</b>	<i>Microsoft Office Specialist (MOS)/CIS 101 Intro to Computers DE**</i>	
12TH	English 12	Fourth Year of Math			<b>Introduction to Business/Management or BAS 160 Intro to Business*</b>  <b>Business Education Co-Op or Internship if requirements are met.</b>	<b>Personal Finance or BAS 120 Personal Finance or Advanced Accounting*</b>	<i>Microsoft Office Specialist (MOS)/Intro to Computers DE or Business Education Internship**</i>	<b>Industry Certification and/or EOP Exam:</b> Assessment of Skills and Knowledge for Business (ASK) - Fundamental Business Concepts (#ME05)

**\*Complete 3 Credits in Required Courses – Business & Marketing Essentials, Intro to Business and Personal Finance or Advanced Accounting. \*\*Choose 1 Credit in Recommended Courses.**

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Business Education/Computer Science

**Pathway:** Computer Science CIP 11.0701.01

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Digital Literacy</b>			
10TH	English 10	Geometry	Biology	World Civilizations	<b>Intro to Programming/ Java Script</b>			
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Computational Thinking</b>			
12TH	English 12	Fourth Year of Math			<b>AP Computer Science</b>			<b>Industry Certification Exam:</b> 2 Exams Required Certiport Digital Literacy IC3 Microsoft Technology Associate: HTML5 App Development Fundamentals Microsoft Technology Associate: Introduction to Programming Using Block-Based Languages (Touch Develop) Microsoft Technology Associate: Introduction to Programming Using JavaScript Microsoft Technology Associate: Introduction to Programming Using Python Microsoft Technology Associate: Software Development Fundamentals Oracle Junior Associate: Java Foundations or Oracle Certified Associate: Java SE 7 Programmer

**\*Complete 4 Credits in Required Courses**

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## **FAMILY & CONSUMER SCIENCE DEPARTMENT: Heather Coleman, Chair**

### **FACS ESSENTIALS/HEALTH [200161]:**

1 credit      Open to 9, 10

This course provides an opportunity for students to gain an understanding of the knowledge, attitudes, skills, and behaviors impacting healthy lifestyles. Emphasis will be placed on individual and family well-being including wellness, nutrition, non-communicable diseases, goal setting, decision-making, and consumer choices. A variety of wellness strategies will be addressed including behavioral choices, conflict resolution, first aid, emergencies, and preventing communicable diseases. Career exploration will be part of this class. Leadership development will be provided through Family, Career, and Community Leaders of America. *Class fee of \$5.00 is required.*

**NOTE: Interdisciplinary course for Health credit**

### **FOODS AND NUTRITION [200441]:**

1 credit      Open to 10, 11

This course is designed to assist students in making critical decisions about food, which contributes to health and well-being. Laboratory instruction will make up 25% of the class. Demonstrations, lectures, study guides, and textbook assignments will make up the other 75% in this class. Practical problems addressed relate to attitudes toward food, nutrition facts, special health concerns and diets, management of food resources, preparation skills, food safety, sanitation and careers in nutrition and food service. Leadership development will be provided through the Family, Career and Community Leaders of America. A \$20.00 fee is required to help cover food costs.

### **CULINARY ARTS I [200411]:**

1 credit      Open to 11, 12

This course is designed to assist students in principles related to food preparation. Specific content addressed will include planning, serving, food presentation, special diets, and nutrition for the lifespan, serving, and food planning for entertainment services. An emphasis on careers related to food service and nutrition (i.e. catering, dietician, and other culinary careers). Lab instruction emphasizes the application process. Leadership development will be provided through the Family, Career and Community Leaders of America. A \$20.00 fee is required to help cover food costs.

***Prerequisite: Foods and Nutrition with a grade of C or higher and permission of the instructor***

### **CULINARY ARTS II [200412]:**

2 credits      Open to 11, 12

This advanced course allows students to increase competencies in a variety of food preparation techniques, as well as competencies in food production and services. Emphasis will be placed on food presentation, garnishing, menu planning and the skills necessary to prepare for a career in the culinary arts. Orientation to the food service industry and development of food preparation skills are reinforced. Food service management functions are introduced. More in-depth information is provided and higher levels of skills are taught. Time is provided for work-based learning opportunities, and development of work-based skills through participation in Cat's Catering activities. Students will take a state assessment test for certification in Culinary Arts. Leadership development will be provided through the Family, Career and Community Leaders of America. A \$20.00 fee is required to help cover food costs.

KOSSA and Industry Certificates will be available to qualifying students. These Career Readiness measures include Culinary and Food Service KOSSA Assessment and AAFCS Pre-PAC Culinary Arts, AAFCS Pre-PAC Nutrition Food and Wellness, and/or ServSafe.

***Prerequisite: Foods and Nutrition and permission of the instructor***

**EARLY LIFESPAN DEVELOPMENT [200223]**

1 credit            Open to 10, 11, 12

This course addresses the concepts related to understanding the areas and stages of human growth and development, recognizing effects of heredity and environment on human growth and development, meeting the needs of exceptional children, promoting optimum growth and development in the prenatal, infancy, toddler, preschool, and school age stages. Careers in early childhood education are explored. Leadership development will be provided through the Family, Career, and Community Leaders of America (FCCLA) student organization.

**CHILD DEVELOPMENT SERVICES I [200261]**

1 credit            Open to 11, 12

This course provides training for entry level positions in day care centers, nurseries, kindergartens, and private homes. Students study careers in child development, guidance, children's health and well-being in group care, value of play, teaching strategies and management, and curriculum development. The subject content is reinforced with work experience in a variety of childcare establishments. Leadership development will be provided through the Family, Career, and Community Leaders of America student organization. This course includes a \$15.00 class fee for hands on learning experiences.

*Prerequisite – successful completion of Early Lifespan Development*

**CHILD DEVELOPMENT SERVICES II [200262]**

2 credits            Open to 12

This course is a continuation of Child Development Services I and is designed for students who wish to train for supervisory level positions or those wishing to further their education at the post-secondary level in the early childcare education. Students gain in depth work experience in child care establishments, preschool centers, and other early childhood settings. Leadership development will be provided through the Family, Career, and Community Leaders of America student organization. Career Readiness measures include KOSSA and Industry Certifications. These will be available for qualifying students. This course includes a \$15.00 class fee for hands on learning experiences.

*Prerequisite – successful completion of Early Lifespan Development AND Child Development Services I*

## Paul G. Blazer Career Pathway

**Program Area:** Family and Consumer Sciences **Pathway:** Culinary Arts

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>FACS Life Skills/Health***</b>			
10TH	English 10	Geometry	Biology	World Civilizations	<b>Foods and Nutrition</b>	Principles of Hospitality		
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Culinary Arts I*</b>	<i>Advanced Foods and Nutrition</i>		
12TH	English 12	Fourth Year of Math			<b>Culinary Arts II**</b> (Course taught as a 2-hour block over two semesters)	WBL/ Co-op		<b>Industry Certification and/or KOSSA Exam:</b> KOSSA, Pre-PAC Culinary Arts, ServSafe, ProStart, Articulated Credit with ACTC

\*recommendation from teacher and successful completion of Foods and Nutrition

\*\* recommendation from teacher and successful completion of Culinary I

\*\*\* Interdisciplinary course for Health credit

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway. NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Family and Consumer Sciences **Pathway:** Early Childhood Education

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>FACS Life Skills/Health***</b>			
10TH	English 10	Geometry	Biology	World Civilizations	<b>Early Life Span Development</b>			
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Child Care Services I*</b>			
12TH	English 12	Fourth Year of Math			<b>Child Care Services II**</b>	WBL/ Co-op		<b>Industry Certification and/or KOSSA Exam:</b> CCCC, KOSSA, Pre-PAC, CDA, Articulation Credit

\*recommendation from teacher and successful completion of Early Life Span Development

\*\* recommendation from teacher and successful completion of Child Care Services I

\*\*\* interdisciplinary course for Health credit

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

CCCC – Commonwealth Child Care Credential

CDA – Child Development Associates

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

# **HVAC DEPARTMENT**

## **REFRIGERATION FUNDAMENTALS [460828]**

1 credit      Open to 9, 10, 11, 12

This course introduces the fundamentals of refrigeration, refrigeration terms, and the basic refrigeration cycle. Proper use of tools, test equipment, and materials is stressed. Environmental issues including refrigerant handling are discussed. Refrigerant piping and methods used to join them are taught. General and specific safety is emphasized.

## **HVAC ELECTRICITY [460817]**

1 credit      Open to 9, 10, 11, 12

This course introduces students to the basic physics of electricity. Students apply Ohm's Law; measure resistance, voltage, ohms, watts and amps; construct various types of electrical circuits; select wire and fuse sizes; and learn to troubleshoot an electric motor and motor controls.

## **ELECTRICAL COMPONENTS [460826]**

1 credit      Open to 9, 10, 11, 12

This course defines the electrical components of an air conditioning system. Different types of line voltages, wiring diagrams, and solid-state devices are included. Safety is emphasized.

## **HEATING AND HUMIDIFICATION [460820]**

1 credit      Open to 10, 11, 12

This course explains heating systems from simple fossil fuel furnaces through more complex systems. This course will also concentrate on the line and control voltage circuitry pertaining to these systems. ARI Controls; Subtopics A-C; Heating Systems: Subtopics A-C; System Installation and Start-Up: Subtopics A and B; System Servicing and Troubleshooting: Subtopic C; Tools and Equipment: Subtopic D.

## Paul G. Blazer Career Pathway

**Program Area:** Construction Technology/Air Conditioning Technology

**Pathway:** Environmental Control System Technician CIP 47.0201.05

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Refrigeration Fundamentals or HVAC Electricity</b>			
10TH	English 10	Geometry	Biology	World Civilizations	<b>Refrigeration Fundamentals or HVAC Electricity or Electrical Components</b>			
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Refrigeration Fundamentals or HVAC Electricity or Electrical Components or Heating &amp; Humidification</b>			
								High Demand
12TH	English 12	Fourth Year of Math			<b>Refrigeration Fundamentals or HVAC Electricity or Electrical Components or Heating &amp; Humidification</b>			<b>Industry Certification Exam:</b> 2 Exams Required: OSHA 10 & EPA 608 Universal Certification or National Center for Construction Education Research (NCCER) - Core Curriculum and National Center for Construction Education Research (NCCER) - HVAC Level 1 or EPA 608 Universal Certification or KY Journeyman HVAC Mechanic or KY HVAC

**\*Complete 4 Credits in Required Courses**

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## **ACCELERATED ENGLISH 1[230107A]:**

1 credit            Open to 9

Students will study and analyze literature from classic to contemporary. They will improve expository and expressive writing as well as learn research skills and writing with sources. They will be expected to read and write at an accelerated level, sometimes independently, and should have an A/B from Eighth Grade Language Arts and the recommendation of that teacher.

***Prerequisite: A or B average in 8<sup>th</sup> grade language course and Teacher Recommendation.***

## **COLLEGE AND CAREER ENGLISH 1 [230107]:**

1 credit            Open to 9

This course is designed to present a wide range of reading experiences with print and non-print materials that have literary, informational, persuasive, and practical purposes. This course also requires students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of their reading and thinking experiences. Speaking, listening, and observing skills are used to communicate information for a variety of authentic purposes. In addition, students continue to integrate inquiry skills and technology to communicate ideas. Course adheres to Program of Studies requirements.

## **ACCELERATED ENGLISH 2 [230110A]:** 1 credit            Open to 10

Students will study and analyze literature from classic to contemporary. They will build upon analytical research and writing skills, as well as expository and persuasive writing skills. They will compare writing from various genres. They will be expected to read and write at an Accelerated Level, sometimes independently, and should have an A/B from Accelerated English 1 and the recommendation of that teacher.

***Prerequisite: A or B average in Accelerated English 1 and Teacher Recommendation.***

## **ADVANCED PLACEMENT SEMINAR [230170]:** 1 credit            Open to 10

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas. ***Prerequisite: A average in Accelerated English 1 and Teacher Recommendation***

## **COLLEGE AND CAREER ENGLISH 2 [230110]:**

1 credit            Open to 10

This course is designed to present a wide range of reading experiences with print and non-print materials that have literary, informational, persuasive, and practical purposes. This course also requires students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of their reading and thinking experiences. Speaking, listening, and observing skills are used to communicate information for a variety of authentic purposes. In addition, students continue to integrate inquiry skills and technology to communicate ideas. Course adheres to Program of Studies requirements.

***Prerequisite: College and Career English 1***

### **ACCELERATED ENGLISH 3 [230113A]**

1 credit      Open to 11

American Literature will be studied with emphasis on parallel reading of major American authors to obtain critical understanding. Accelerated students – at every level - are expected to synthesize all aspects of the literature studies: history, literature, music, and art. In addition, students will be expected to read complex literary works and compose analytical writing that demonstrates critical understanding of these literary works.

***Prerequisite: Successful completion of Accelerated English II with an A/B and teacher recommendation.***

### **COLLEGE AND CAREER ENGLISH 3 [230113]:**

1 credit      Open to 11

This course is designed to present a wide range of reading experiences with print and non-print materials that have literary, informational, persuasive, and practical purposes. This course also requires students to use the writing process and criteria for effective writing to demonstrate their abilities to write in a variety of forms and for multiple audiences and purposes. Students use writing-to-learn and writing-to-demonstrate-learning strategies to make sense of their reading and thinking experiences. Speaking, listening, and observing skills are used to communicate information for a variety of authentic purposes. In addition, students continue to integrate inquiry skills and technology to communicate ideas. Course adheres to Program of Studies requirements.

***Prerequisite: College and Career English 2***

### **COLLEGE AND CAREER ENGLISH 4 [230116]:**

1 credit      Open to 12

This course includes a study of English literature, oral and written composition, vocabulary building, and a sharpening of skills in conventional grammatical usage as evidenced through writing assessment. Students will develop the ability to interpret various literary works while mastering skills of literary discussion, speaking, and listening. Composition involves expository writing and culminates in long themes as well as a required senior portfolio. Parallel reading is a part of the course requirement.

***Prerequisite: College and Career English 3***

### **ADVANCED PLACEMENT LANGUAGE AND COMPOSITION [230166]:**

1 credit (Weighted Course)      Open to 11

This course engages students in careful reading and critical analysis of a variety of non-fiction works. Through close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and purpose for readers. As they read, students consider a work's structure, style, and themes, as well as important rhetorical elements that contribute to the work's overall theme, tone, and purpose. Students will also be expected to complete a number of writing assignments including analytical writing, argumentative writing, and synthesized argumentative writing. This course adheres to the College Board standards.

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### **ADVANCED PLACEMENT LITERATURE AND COMPOSITION [230167]:**

1 credit (Weighted Course)      Open to 12

This course engages students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Although the composition element provides students with opportunities to write about a variety of subjects from a variety of disciplines and to demonstrate an awareness of audience and purpose, the overarching objective is to enable students to write effectively and confidently across the curriculum. **In addition, students will rhetorically analyze a variety of poetry, prose, and lengthy works of literature. This course adheres to the College Board standards.**

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## **JOURNALISM/YEARBOOK PRODUCTION STAFF [239111]:**

1 credit      Open to 9, 10, 11, 12

Students will learn the fundamentals of photographic composition, the basics of journalistic writing, and develop strong editing practices. Students will participate as members of production teams that will design and sell the yearbook. Most grades are performance based. Please note that yearbook staffers spend extra time outside of school hours to complete coverage assignments and meet deadlines set by the publisher. If students fail the first semester, they will be removed from the class the second semester. Students must earn at least a C in their final grade to return to class the next year.

*Prerequisite: Upcoming 9th graders must have a B average in their previous English class to be part of the yearbook staff. 10-12th grade students must complete an application and have approval from the adviser.*

## **THEATRE ARTS 1 [500511]:**

1 credit      Open to 9, 10, 11, 12

This course emphasizes comprehension of theatre history, acting techniques, and play production. The purpose of the course is to develop the student's understanding of the major movements in art history as well as the theatre as a creative art. Participation in programs before the public is a class requirement. Some after-school practice hours will be required. *This course also will include the core curriculum for history and appreciation of visual and performing arts and may be used as the Kentucky High School Graduation Requirement for Arts and Humanities.*

## **THEATRE ARTS 2 [500512]:**

1 credit      Open to 10, 11, 12

This advanced topic course is open to students who have successfully completed Theatre Arts I. The class will further investigate topics that were introduced in Theatre Arts I. Students will study influential playwrights and their plays as well as play production. Topics for play production will include acting techniques, scenic design, costume design, lighting design, makeup, playwriting, and directing. After-school work hours will be required.

*Prerequisite: Theatre Arts 1 and teacher recommendation*

## **THEATRE ARTS 3 [500513]:**

1 credit      Open to 11, 12

This advanced topic course is open to students who have successfully completed Theatre Arts 1 and 2. The class will focus on advanced play production, including acting techniques, scenic design, lighting design, costume design, makeup, playwriting, and directing. After-school work hours will be required.

*Prerequisite: Successful completion of Theatre Arts 2 and teacher recommendation*

## **THEATRE ARTS 4 [500515]:**

1 credit      Open to 12

This advanced topic course is open to students who have successfully completed Theatre Arts I, II, & III. This class will focus on advanced play production, including scenic design, costume design, lighting design, scriptwriting, and directing. After schoolwork hours will be required.

*Prerequisite: Successful completion of Theatre Arts 3 and teacher recommendation*

## **PROGRAM NOTE:**

### **ARTS AND HUMANITIES SPECIALIZATION – THEATRE ARTS**

3 or 4 credits      Open to 9, 10, 11, 12

Students wishing to pursue a specialized arts graduation credit may, through indication on his/her Individual Learning Plan **AND** with teacher recommendation may enroll for a minimum of three (3) years of a standards-based Theatre Arts

course. Successful completion of a three-year course of study may be used as the Kentucky High School Graduation Requirement for Arts and Humanities.

## **LANGAUGE ARTS ELECTIVES**

### **WRITING LAB [230402]:**

½ credit                      Open 10, 11, 12

This is for the student working on a sizeable, long-term writing project with the intent to publish it. May only be taken with the permission of the English Chair and English Department.

### **CREATIVE WRITING [230511]:**

½ credit                      Open 10, 11, 12

This course may vary but it will provide students an opportunity to analyze and create works such as short stories, one-act plays, poetry and/or personal, expressive pieces.

### **PUBLIC SPEAKING [231011]:**

½ credit                      Open 10, 11, 12

Possible topics may include research, preparation, delivery, and analysis of extemporaneous, demonstrative, persuasive (including debate and forensic techniques) and informative oral communication.

### **REAL WORLD READING [231295]**

½ credit                      Open 10, 11, 12

For all levels of readers with various interests. This course will focus on student selections in a variety of genres from sci-fi and dystopian literature to super heroes; from modern love stories to horror; from mythology to young adult lit; from memoir and how-to books to poetry. Students will give book talks and other types of presentations in order to share the readings. The goal is to instill the lifelong habit of reading.

### **MYTHOLOGY [90999M]**

1 credit                      Open 11, 12

Students will read, write responses to, analyze, compare, and discuss Mythology from Ancient Greece, Rome, The Americas, Asia, and Europe. Students will write literary analyses and creative pieces modeled after the great myths. Contemporary mythological stories will also be read and studied to compare them to the ancient ones and to trace the influence of the classic myths. Students should be prepared to read independently, and to write in a variety of styles on a regular basis.

### **PROGRAM NOTE**

*Students graduating in the Class of 2023 and beyond may take any approved electives to fulfill their English requirement for grade 11 and grade 12. Electives should be approved and aligned with the students ILP (Individual Learning Plan).*

## MATH REQUIREMENTS:

**4 Credits Algebra 1 and Geometry and two additional math credits aligned with student's ILP.**

### **MATHEMATICS INTERVENTION [270309]:**

1 credit      Open to 9, 10, 11, 12

This course is designed for students who need additional time and help with mathematical strategies. This course uses hands-on activities and experiments with graphing calculators to support the study of the concepts addressed in the relevant statements in the High School Mathematics Program of Studies for a high school. This course can be individualized to enhance a student's college or career readiness. This course can serve as a mathematics elective for high school graduation, but not as one of the 3 required mathematics credits for high school graduation: Algebra 1, Geometry or Algebra 2. Student placement in this course will be determined by school administration based on student performance, scores on appropriate tests (K-Prep, formative classroom assessments, or ACT).

### **HS Pre-Algebra [270301]**

1 credit      Open to 9

This course should focus on skills necessary to be successful in a High School Algebra 1 course and is not necessarily limited to (1) developing a complete understanding of division of fractions and extending the notion of number to the system of rational numbers and writing, interpreting, and using expressions and equations; (2) connecting the ratio and rate to whole number multiplication and division and using concepts of ratio and rate to solve problems; (3) developing an understanding of and applying proportional relationships and solving problems involving scale drawings; (4) formulating and reasoning about expressions and equations, including modeling an association in bivariate data with a linear equation, and solving linear equations and systems of linear equations; (5) grasping the concept of a function and how to use functions to describe quantitative relationships; (6) understanding and applying the Pythagorean Theorem; (7) working with two- and three-dimensional shapes to solve problems involving area, surface area, and volume; (8) developing an understanding of statistical thinking and drawing inferences about populations based on samples. **This course cannot serve as Algebra 1 or Geometry credit for high school graduation. This course is for high school students who are not prepared to successfully complete a high school Algebra 1 course.**

### **COLLEGE AND CAREER ALGEBRA I [270304]:**

1 credit      Open to 9, 10

This course is designed for students who are proficient in basic mathematics and have mastered pre-algebra skills. Topics will include the real number system, algebraic expressions and sentences, linear equations, relations, set theory, inequalities, graphing, factoring polynomials, and systems of equations.

### **ACCELERATED GEOMETRY [270401A]:**

1 credit      Open to 9, 10

This course is for the student who has exhibited exceptional ability in mathematics. Topics covered include those covered in geometry with an emphasis on formal 2-column proofs, and inductive and deductive reasoning. Additional topics covered include the structure of the real number system; coordinate geometry, analytical geometry, trigonometric functions, functions and relations, quadratic functions, and the conic sections.

***Prerequisite: Student should meet the following criteria: A or B average in Accelerated Algebra 2 and teacher recommendation.***

**COLLEGE AND CAREER GEOMETRY [270401]:**

1 credit      Open to 9, 10, 11, 12

This course is designed to help the student understand the structure of geometry and to apply geometry to everyday situations. Topics include postulates, theorems, 2-column proofs, congruence of triangles, parallel lines and transversals, polygons, similarity of triangles, right triangles, Pythagorean Theorem, special right triangles, properties of circles, basic construction, areas of polygons, surface area and volume of solids.

***Prerequisite: Algebra I, Algebra II***

**ACCELERATED ALGEBRA 2 [270311A]:**

1 credit      Open to 9, 10, 11

This course is designed for accelerated students with a high degree of proficiency in abstract mathematical ideas. The course includes skills and concepts in Algebra 2. Topics included in greater depth are systems of quadratic equations and inequalities, mathematic induction, permutations, composites, probability, conic sections, trigonometric functions, and circular functions.

***Prerequisite: A or B average in Algebra 1 and teacher recommendation.***

***(It is strongly recommended that a TI-84 calculator or equivalent be used for this course. If purchasing a calculator, TI-84CE is recommended.)***

**COLLEGE AND CAREER ALGEBRA 2 [270311]:**

1 credit      Open to 9,10, 11, 12

This course is designed for college-bound students to complete the study of algebra. Topics will include quadratic equations and inequalities, linear programming, logarithmic and exponential functions, the binomial theorem, progressions and series, the complex number systems, matrices, graphs of functions and relations, introductory work in conic sections, probability, and trigonometry.

***Prerequisite: Algebra 1***

**AP PRE-CALCULUS**

1 credit      Open to 9,10, 11

This course is designed for students who have completed Accelerated Algebra 2 and Accelerated Geometry. This class will include all topics offered in Pre-Calculus with emphasis on properties of algebraic, trigonometric, exponential and logarithmic functions, continuity, and extensive graphing.

***Prerequisite: Accelerated Geometry and Accelerated Algebra 2 and teacher recommendation. (It is required that a TI-84 calculator or equivalent be used for this course. If purchasing a calculator, TI-84CE is recommended.)***

***\*Note – this course is a pre-requisite to AP Calculus***

**PRE-CALCULUS [270501]:**

1 credit      Open to 11

This course is designed for students who have completed Algebra 2 and Geometry. This class will include topics including how to solve equations and inequalities involving polynomial, rational, exponential, logarithmic and trigonometric functions, to understand and apply the behavior and properties of polynomial, rational, exponential, logarithmic and trigonometric functions, to graph polynomial, rational, exponential, logarithmic and trigonometric functions, to use technology to solve and graph various types of equations and inequalities and to prove trigonometric identities.

***Prerequisite: Algebra 2 and Geometry and teacher recommendation.***

***(It is required that a TI-84 calculator or equivalent be used for this course. If purchasing a calculator, TI-84CE is recommended.)***

### **ALGEBRA 3/PREPARATION FOR COLLEGE ALGEBRA [270320]**

1 credit      Open to 11, 12

This course is designed for students who are intending to attend college and need additional preparation in order to be successful in credit-bearing College Algebra, or for students who feel in need of additional preparation to take College Algebra. The content goes beyond a traditional Algebra 2 course.

**Prerequisite:** *19 ACT or higher.*

### **MATHEMATICS CONCEPTS [270661]**

1 credit      Open to 12

This course is designed to be taken after completion of Algebra 1, Geometry and Algebra 2. Topics include probability and statistics, extension of algebra and geometry concepts, and discrete mathematics. This course could serve as a mathematics elective for high school graduation, but not as one of the three required credits for high school graduation: Algebra 1, Geometry or Algebra 2 (class of 2012 and beyond). Students who scored a 16 or lower on the ACT must take this as the 4th year of Math.

**Prerequisite:** *Algebra 2*

### **ADVANCED PLACEMENT CALCULUS AB [270513]:**

1 Credit (Weighted course)      Open to 10, 11, 12

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections among these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. College credit is earned with a qualifying score on the AP exam. Taking the AP Calculus Exam is recommended.

**Prerequisite:** *AP Pre-Calculus and teacher recommendation. (It is required that a TI-84 or equivalent be used for this course. If purchasing a calculator, TI-84CE is recommended.)*

### **ADVANCED PLACEMENT STATISTICS [270604]**

1 credit (Weighted Course) Open to 11, 12

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data.

Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns (20%–30% of AP Exam). Exploratory analysis of data makes use of graphical and numerical techniques to study patterns and departures from patterns. Emphasis will be placed on interpreting information from graphical and numerical displays and summaries.
2. Sampling and Experimentation: Planning and conducting a study (10%–15%). Data must be collected according to a well-developed plan if valid information on a conjecture is to be obtained. This plan includes clarifying the question and deciding upon a method of data collection and analysis.
3. Anticipating Patterns: Exploring random phenomena using probability and simulation (20%–30%). Probability is the tool used for anticipating what the distribution of data should look like under a given model.
4. Statistical Inference: Estimating population parameters and testing hypotheses (30%–40%). Statistical inference guides the selection of appropriate models

Students who successfully complete the course and exam may receive credit for a one-semester introductory college statistics course.

**Prerequisite:** *Algebra 2, ACT Math score of 22 or higher, and teacher recommendation. (It is required that TI-84 or equivalent be used for this course. If purchasing a calculator, TI-84CE is recommended.)*

**\*Note:** *MAY NOT be taken concurrently with AP Calculus in 11<sup>th</sup> grade.*

**PROBABILITY AND STATISTICS [270602]**

1 credit      Open to 9, 10, 11, 12

This course should focus primarily on the conceptual categories: Statistics & Probability and Modeling to address such concepts as theoretical and experimental probability, independent and conditional probability using them to interpret data, rules of probability to compute probabilities of compound events in a uniform probability model, calculations of expected values, analysis of decisions and strategies using probability concepts, binomial distributions, normal distributions, displaying and describing distributions of data, collecting data, measures of central tendency and spread and methods of inferential statistics. Technology should be an integral part of this course to generate plots, regressions functions and correlation coefficients and to simulate possible outcomes relatively quickly based on a given situation.

**ACT PREP [270621]**

½ credit or 1 credit      Open to 10, 11, 12

The ACT Prep class is designed to familiarize students with the test required for admission by many universities. Well-prepared students are more likely to score higher on the ACT, which may increase their chances of receiving scholarships and enable them to have more options when selecting a college. Students will learn test-taking strategies, review math content, take practice tests and discover ways to reduce test anxiety. This course can serve as a mathematics elective for high school graduation, but not as one of the 3 required mathematics credits for high school graduation: Algebra 1, Geometry or Algebra 2.

**PERSONAL FINANCE [080719]**

1 Credit      Open to 9, 10, 11, 12

This course is designed for students who have completed courses containing all the required high school Kentucky Academic Standards (KAS) for Mathematics. If students have not completed courses containing all the required KAS for Mathematics, a Personal Finance (Math Credit) course should attend to standards students still need. This course is designed to provide students with the knowledge and skills to manage one's financial resources effectively for lifetime financial security. Topics include economics, money in the economy, budgeting, credit, consumer rights, investments and retirement planning, beyond what was addressed in the student's foundational courses.

# **MILITARY SCIENCE DEPARTMENT (JROTC):**

## **LTC (R) Randy Phillips, Chair**

### **U.S. ARMY JUNIOR ROTC PROGRAM:**

The U.S. Army JROTC program is a four-year program specifically designed for high school students to develop leadership, citizenship, self-discipline, character, respect for constituted authority, information about the military services, and an understanding of the requirements for national security.

\*\*Students who participate in JROTC have **NO OBLIGATION** to any branch of the United States Armed Forces following high school graduation.

The JROTC program intends to teach cadets to:

- Appreciate the ethical values and principles that underlie good citizenship
- Develop leadership potential, while living and working cooperatively with others
- Be able to think logically and to communicate effectively with others, both orally and in writing
- Appreciate the importance of physical fitness in maintaining good health
- Understand the importance of high school graduation for a successful future and learn about college and other advanced educations and employment opportunities
- Develop mental management abilities
- Become familiar with military history as it relates to America's culture, and understand the history, purpose, and structure of the military services
- Develop the skills necessary to work effectively as a member of a team

The JROTC program is a cooperative effort on the part of the Army and the host institution to provide secondary school students with opportunities for total development. The flexibility of the program allows it to bear the scrutiny of professional educators and to meet the needs of the community. Satisfactory completion of the program can lead to advanced placement credit in the Senior ROTC program or advanced rank in the Armed Forces. Some of the course has been reviewed and college credit is awarded to cadets upon completion of the specified requirements.

The JROTC program is one of the Army's contributions to assisting America's youth to become better citizens. The program produces successful students and productive adults, while fostering in each school a more constructive and disciplined learning environment. This program makes substantial contributions to many communities and ultimately to the nation's future. It is the centerpiece of the Department of Defense's commitment to America's Promise for Youth through its emphasis on community service and teen anti-drug efforts.

### **JROTC LEADERSHIP DEVELOPMENT 1 [580240]:**

1 credit            Open to 9, 10, 11, 12

This is a course in basic leadership training designed to introduce students to JROTC. The student receives elementary training in drill and ceremonies, marksmanship, first aid and personal hygiene, first phase of leadership, military organization, and courtesies of the military service, oral and written communications skills, and modern communications technology. Instruction in improving self-esteem and self-confidence, interpersonal skills, job interview techniques, goal setting, and study skills is provided for all students.

**Note: The Health/P.E. requirement will be fulfilled upon successful completion of this course.**

**JROTC LEADERSHIP DEVELOPMENT 2 [580241]:**

1 credit      Open to 10, 11, 12

This is a course in basic military training designed to continue leadership development. During this course, the student receives instruction in marksmanship, first aid, map reading and land navigation, military organization, drill, and ceremonies. During this course, the student also receives leadership training by occupying positions requiring supervision of other cadets, oral and written communications skills, and modern communications technology. Instruction in improving self-esteem and self-confidence, interpersonal skills, job interview techniques, goal setting, and study skills is provided for all students.

***Prerequisite: Leadership Development 1***

**JROTC LEADERSHIP DEVELOPMENT 3 [580242]:**

1 credit      Open to 11, 12

This is a course in basic military training designed as a continuation of the previous two years. During this course, the student receives advanced training in drill and ceremonies, applied leadership, applied map reading and land navigation, marksmanship and safety, applied techniques of oral communications, instruction in service opportunities, oral and written communications skills, and modern communications technology.

Instruction in improving self-esteem and self-confidence, interpersonal skills, job interview techniques, goal setting, and study skills is provided for all students.

***Prerequisite: Leadership Development 2***

**JROTC LEADERSHIP DEVELOPMENT 4 [580243]:**

1 credit      Open to 12

The advanced leadership program provides practical experience in command and leadership. Practical exercise as leaders will include planning, preparing, and conducting inspection, ceremonies, reviews, and parades. The value of physical exercise, conditioning will be emphasized, oral and written communications skills, and modern communications technology. Instruction in improving self-esteem and self-confidence, interpersonal skills, job interview techniques, goal setting, and study skills is provided for all students.

***Prerequisite: Leadership Development 3***

**JROTC SENIOR LEADER [580244]:**

1 credit      Open to 12

This individualized course enables cadets to supervise drill instruction and physical exercise and development programs; to prepare for and present formal classroom instruction; to provide cadets with a general understanding of staff actions and inter-staff responsibilities; and to provide cadets with locally selected optional activities and learning, leading to citizenship and vocational knowledge, oral and written communications skills, and modern communications technology. Instruction in improving self-esteem and self-confidence, interpersonal skills, job interview techniques, goal setting, and study skills is provided for all students.

***Prerequisite: Leadership Development 3 and teacher recommendation***

## Paul G. Blazer Career Pathway

**Program Area:** Junior officer Reserve Training Corps **Pathway:** Military

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
					JROTC Leadership Development 1	1/2 Credit for PE		
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>JROTC Leadership Development 1</b>	<b>1/2 Credit for PE</b>		
10TH	English 10	Geometry	Biology	World Civilizations	<b>JROTC Leadership Development 2</b>			
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>JROTC Leadership Development 3</b>		<b>Completion of 3 Years JROTC and a score of 50 or higher on ASVAB test, or meet benchmarks on ACT or KOSSA</b>	
12TH	English 12	Fourth Year of Math			<b>JROTC Leadership Development 4</b>	<i>Senior Leader</i>		

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

# **MUSIC DEPARTMENT:**

**Chris Whelan, Chair**

## **MIXED CHORUS [500925]:**

1 credit      Open to 9, 10, 11, 12

Mixed Chorus is for students especially interested in and capable of singing quality choral literature. This class teaches the fundamental skills necessary for singing, such as music reading, breathing technique, tone quality, diction, blend, intonation, and artistic interpretation. There is also some emphasis placed on the understanding of music theory. This group will perform occasionally, and some time may be required beyond the regular class schedule.

**Choir Fee - \$25.00**

## **GIRLS' CHORUS [500926G]:**

1 credit      Open to 10, 11, 12

This is a select group of female singers. The emphasis in this course will be on quality music from standard choral literature to jazz and pop. Choreography will at times be incorporated, and students should have a real interest in performance. This group will participate in the winter and spring concerts as well as other performance opportunities. Some outside class time is required.

***Prerequisite: Audition and/or teacher recommendation***

**Choir Fee - \$25.00**

## **CONCERT CHOIR [500926]:**

1 credit      Open to 10, 11, 12

Concert Choir is designed for the student who desires to perform the quality standard concert choir literature in a large group setting (40-50 students). A functional knowledge of proper choral singing and previous participation in a choral ensemble is recommended. The concert choir will participate in KMEA Concert Choir festivals as well as the winter and spring concerts and other performance opportunities. Some outside class time is required.

***Prerequisite: Audition and/or teacher recommendation***

**Choir Fee - \$25.00**

## **CHAMBER SINGERS [500926C]:**

1 credit      Open to 10, 11, 12

This course is designed for the advanced singer who is interested in performing in a small group situation. Chamber music from the Fifteenth through the Twentieth Centuries will be covered, as well as other various musical genres. The primary purpose of Chamber Singers is to build independence in the solo voice while learning blend and balance within a small ensemble. Because of the large number of performances and travel, some outside class time is required. This class will meet jointly with Concert Choir, and some "Chamber Singers only" after-school rehearsals may be required.

***Prerequisite: Audition only***

**Choir Fee - \$25.00**

## **PIANO/KEYBOARD [500922]:**

1 credit      Open to 9,10,11,12

This class will take students at their current level of piano skills and move them forward, much like private piano study would do. Students will learn theory, technique, keyboard skills, and will be assigned appropriate piano repertoire. Students will be assigned lesson material to practice independently in class daily and will be given a weekly private lesson. Class size will be limited to available keyboard space. Juniors and Seniors considering music study beyond high school, and those already involved in Blazer music ensembles will be given first choice to take the class with a teacher recommendation. Students will need to purchase lesson materials (lesson book, music, etc.) as recommended by instructor. ***Prerequisite: Teacher recommendation and interview with instructor***

### **AP MUSIC THEORY [500929]:**

1 credit (Weighted Course)      Open to 11, 12

This course is designed for the student interested in a serious study of music. It is designed for students who need it as a preparation for career study of music in college as well as for those who take the class as an enrichment course. Major, minor, and modal scales, clefs, key signatures, intervals, acoustics, meter, harmonic analysis, and part writing will be taught. In addition, chord inversions, secondary dominants, modulation, and elementary composition will be explored. Emphasis is also placed on ear training and sight-reading. Purchase of workbook is required. Summer work focusing on knowledge of the rudiments of music and familiarity with music vocabulary is required. ***Prerequisite: Concurrent enrollment in a Blazer musical performance group, letter of recommendation from a private teacher, or teacher recommendation***

**Note: This course will be taught during the 2022-23 school year.**

**Note: Failure to complete summer work will not result in schedule change. Class must also meet a certain enrollment number to be offered at Blazer.**

### **MUSIC TECHNIQUES INSTRUMENTAL, BRASS, WOODWINDS, [500921B]:**

1 credit      Open to 10, 11, 12

Each student will receive private lessons in class. On days that a student does not have a lesson, he or she will be working independently to prepare the following week's assignment. Because class size must be limited, students will need to obtain permission prior to enrolling in the class. Permission will be given depending upon student's ability, need, and grade level. A nominal fee will be charged for printed music. This class is designed for students who plan on majoring in music in college.

***Prerequisite: Student must currently be enrolled in Band and have teacher recommendation***

### **BAND [500913]:**

1 credit      Open to 9, 10, 11, 12

This class will concentrate on original music and orchestral transcriptions from the National Band Association's Selective Music List, Grades V and VI in difficulty. It will be the group that will represent Blazer at such public functions when a concert band is required. All Blazer band students will be eligible for extra-curricular opportunities such as solos and ensembles, clinics, and trips. **Attendance at summer Band Camp is required.** After-school hours are required as well. The fee per student is \$100.00, band members who qualify for free/reduced lunch will have a fee of \$50.00. **No student will be denied membership in the band because of financial issues.**

**NOTE: All students enrolled in the band class will also be members of the Blazer Marching Competition Band unless they are involved with a school sponsored sport that has a *direct* conflict with the marching band practice and performance schedule. However, these students will still be required to participate in the marching band for football games, parades, and other civic performances.**

### **JAZZ ENSEMBLE [500920]:**

1 credit      Open to 9, 10, 11, 12

Members of the Jazz Ensemble must also be enrolled in the regular band class. Standard "big band" jazz instrumentation would apply to this course. 5 Saxophones (2 alto, 2 tenor, one baritone sax), 4 trumpets, 4 trombones, Rhythm section including piano, drums, bass, and guitar. Additional instrumentation will be at the discretion of the director. Literature will consist of music common to the jazz idiom. American music as well as music in other forms of jazz, rock, and pop music from other parts of the world will be included in the course. Improvisation will be included in the course. Performances are required, and will be part of the grading process.

***Prerequisite: Teacher recommendation required to enroll in the course.***

### **PERCUSSION TECHNIQUES [500921P]:**

1 credit          Open to 9, 10, 11, 12

Percussion Class will be open to all students' grades 9 - 12 who have completed middle school band and receive a recommendation from their middle school director, or who have participated in band at Blazer in the past, or who receive a recommendation from the high school band director. Students who play a percussion instrument should sign up for this class instead of Band. Students will participate in symphonic band and in the Blazer Marching Band. Curriculum will include rudimental snare drumming, basic and advanced mallet technique, basic and advanced timpani technique, and basic and advanced trap set techniques. All students will participate in the Blazer Percussion Ensemble at solo and ensemble contest. The students will join together for concerts and performances given by the Blazer Marching and Concert Band. Literature will consist of technical studies and percussion ensemble music. The fee per student is \$100.00. The fee for free/reduced lunch students is \$50. **No student will be denied membership in the band/percussion class because of financial issues.** **NOTE: All students enrolled in the band class will also be members of the Blazer Marching Competition Band unless they are involved with a school sponsored sport that has a *direct* conflict with the marching band practice and performance schedule. However, these students will still be required to participate in the marching band for football games, parades, and other civic performances. Attendance at summer Band Camp is required**

### **STRING ORCHESTRA [500918]:**

1 credit          Open to 9, 10, 11, 12

String Orchestra is offered to students who, through prior instruction, have achieved an experience level equivalent to that of three years in a school string class. The course of study will include musical notation, vocabulary, ear training, elementary theory and applied string performance skills. Music will be chosen from among Grade III and higher literature. Students with the requisite background of experience on violin, viola, cello, or string bass are encouraged to seek a recommendation from the teacher. Students enrolled in this class are eligible to participate in K.M.E.A. sponsored events such as All-State Orchestra. Successful completion of three (3) years in either this class and/or the INTERMEDIATE STRING ENSEMBLE [500919] will constitute an "Arts Specialization" and can therefore be utilized as the Arts and Humanities credit toward graduation.

***Prerequisite: Teacher recommendation/Audition***

**An annual class fee of \$25 will be assessed and collected during the first week of class for purchase and maintenance of school-owned equipment and materials.**

### **INTERMEDIATE STRING ENSEMBLE [500919]:**

1 credit          Open to 9, 10, 11, 12

The intermediate string ensemble is offered to students who, through prior instruction, have achieved an experience level equivalent to that of one or two years in a school string class. The course of study will include musical notation, vocabulary, ear training, elementary theory and applied string performance skills. Music will be chosen from among Grade II and III literature. Students with the requisite background of experience on violin, viola, cello, or string bass are encouraged to seek a recommendation from the teacher. Successful completion of three (3) years in either this class and/or the STRING ORCHESTRA [500918] will constitute an "Arts Specialization" and can therefore be utilized as the Arts and Humanities credit toward graduation.

***Prerequisite: Teacher recommendation/Audition***

**An annual class fee of \$25 will be assessed and collected during the first week of class for purchase and maintenance of school-owned equipment and materials.**

### **MUSIC TECHNIQUES STRINGS [500918S]:**

1 credit      Open to 9, 10, 11, 12

Each student will receive one twenty-five-minute lesson per week. On days that a student does not have a lesson, he or she will be working independently to prepare the following week's assignment. Because class size must be limited, students will need to obtain permission prior to enrolling in the class. Permission will be given depending upon student's ability, need, and grade level. A nominal fee will be charged for printed music. This class is designed for students who plan on majoring in music in college.

*Prerequisite: Student must currently be enrolled in String Orchestra and/or have teacher recommendation.*

**An annual class fee of \$25 for those students not concurrently enrolled in either STRING ORCHESTRA [5009191] or INTERMEDIATE STRING ENSEMBLE [500919] will be assessed and collected during the first week of class for purchase and maintenance of school-owned equipment and materials.**

### **PROGRAM NOTE:**

#### **ARTS AND HUMANITIES SPECIALIZATION – MUSIC**

3 or 4 credits      Open to 9, 10, 11, 12

Students wishing to pursue a specialized arts graduation credit may, through indication on his/her Individual Learning Plan **AND** with teacher recommendation may enroll for a minimum of three (3) years of a standards-based Band, Choir, Orchestra, or Percussion course. Successful completion of a three-year course of study may be used as the Kentucky High School Graduation Requirement for Arts and Humanities.

# **PHYSICAL EDUCATION/HEALTH DEPARTMENT:**

## **Stacy Davis, Chair**

### **PHYSICAL EDUCATION 1 [340216]:**

½ credit (semester course)      Open to 9, 10

This course is co-educational with emphasis on lead-up games to actual game activity. The units are brief but intensely geared toward fundamental skill development. The curriculum for P.E. 1 will consist of a fitness gram fitness testing, basketball, volleyball, indoor/outdoor soccer, softball/wiffleball, relays and games, pickle ball, physical conditioning, tennis, badminton, fitness components, archery (spring semester only) and ultimate Frisbee. Students must be dressed in appropriate gym attire. Dressing out and participating is required for this class.

### **HEALTH [340133]:**

1/2 credit (semester course)      Open to 9, 10

Health is a semester course designed to teach basic foundations of health. The curriculum will stress that good health habits can prevent illness and improve personal appearance, self-esteem, and performance. Students will learn that wellness is a way of life that includes choices and decisions based on healthy attitudes.

### **ADVANCED PHYSICAL EDUCATION [340219]:**

1 credit (year-long class)      Open to 10, 11, 12

Advanced Physical Education is designed to place emphasis on lifetime physical fitness activities. Numerous activities are provided at school. These activities include tennis, basketball, volleyball, motor analysis, aerobics, physical conditioning and nutrition, outdoor education, pickle ball, indoor/outdoor soccer, ultimate Frisbee, Cross fit concepts and softball/wiffleball. Students must be dressed in appropriate gym attire. Dressing out and participation is required for this class. May be taken for 3 consecutive years.

*Prerequisite: Physical Education 1 and teacher recommendation.*

### **ADVANCED CONDITIONING [Course number is specific to each sport or activity; please refer to Course Request Form for correct number]:**

1 credit      Open to 9, 10, 11, 12

This course is designed for students wanting an athletic level of conditioning. Students will be introduced to physical development in the areas of muscular strength and development, cardiovascular endurance and flexibility enhancement. Students will learn to develop a state of well-being through topics of nutrition, physical activity, stress reduction, and body composition. This course may substitute for the PE 1 requirement.

*Prerequisite: Recommendation from a varsity coach or physical education teacher.*

### **INTEGRATED HEALTH AND PHYSICAL EDUCATION [340290]**

1 Credit      Open to 9, 10

This course is designed to give students the opportunity to learn through a comprehensive sequentially planned Physical Education and Health Education program by combining the Kentucky Academic Standards for High School Physical Education and High School Health Education into one course. Students who are participating in a football advanced conditioning course, boys' basketball/girl's basketball advanced conditioning course may take this course with coach approval.

## **SCIENCE DEPARTMENT:**

**Greg Graham, Chair**

**9<sup>th</sup> Grade: College and Career Integrated Science**

**10<sup>th</sup> Grade: Biology**

**11<sup>th</sup> Grade: Chemistry or College and Career Physical Science**

**Electives: Anatomy/Physiology, Forensics, Environmental Science, as well as AP offerings.**

### **COLLEGE AND CAREER INTEGRATED SCIENCE [303091]:**

1 credit      Open 9

This lab-based introductory course is organized based on the topical structure contained in the Kentucky Academic Standards for Science. Integrated Science includes those standards listed within the topics of: Structure and Properties of Matter, Chemical Reactions, Structure and Function, Motions and Forces, Interdependent Relationships in Ecosystems, and Earth's Systems. Students will learn these core ideas within these topics through the use of the science and engineering practices and crosscutting concepts. The science and engineering practices are skills students will use as they investigate the natural world and develop solutions to problems. The crosscutting concepts are conceptual ways of thinking that cross the domains of science.

### **PHYSICAL SCIENCE [304021]:**

1 credit      Open 11, 12

Students develop a conceptual understanding of physical science, as outlined in the Kentucky Academic Standards for Science. They experience physical science concepts such as structure of atoms, structure and properties of matter, chemical reactions, motions and forces, conservation of energy and increase in disorder, and interactions of energy and matter. Students will learn these core ideas within these topics through the use of the science and engineering practices and crosscutting concepts. The science and engineering practices are skills students will use as they investigate the natural world and develop solutions to problems. The crosscutting concepts are conceptual ways of thinking that cross the domains of science.

***Prerequisite: Intro Chem/Phys, Biology I***

### **COLLEGE AND CAREER CHEMISTRY [304521]:**

1 credit      Open 11, 12

This course focuses on problem solving techniques; bonding; equilibrium; equations. Students develop a conceptual understanding of chemistry content, included in the Program of Studies, through the use of scientific inquiry. Earth/Space Science components will be incorporated as part of the course curriculum.

***Prerequisite: Intro Chem/Phys, Biology I, Algebra II (or concurrently enrolled in Algebra II).***

### **ACCELERATED CHEMISTRY [304521A]:**

1 credit      Open 10, 11, 12

This is an academic course for students who are taking college preparatory math courses and who have career interests in the various fields of scientific endeavor. Structure of properties of matter, reactions, conservation laws and interactions of matter and energy are core contents of this course. The nature of the chemical bond and theories of the composition of matter are important topics included. Accelerated Chemistry is provided for strong science students interested in taking AP Chemistry. Performance-based laboratories and lecture concepts will be tested. Earth/Space Science components will be incorporated as part of the course curriculum.

***Prerequisite: Previous Accelerated Science and completed or concurrent enrollment in Accelerated Algebra 2 or Pre-calculus.***

**ADVANCED PLACEMENT CHEMISTRY [304526]:**

1 credit (Weighted Course)      Open 11, 12

Advanced Placement Chemistry is offered for exceptional chemistry students. Inorganic chemistry and quantitative analysis are included as major portions of this course. Organic chemistry and environmental chemistry are also included. Instrumentation and performance-based skills are taught and evaluated in this course. This is a laboratory science.

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***Prerequisite:*** *Accelerated Algebra II with B average, Accelerated Chemistry with B average, Accelerated Pre-Calculus or Pre-Calculus, AP Stats, AP Calculus (completed or concurrent) and teacher recommendation.*

**ANATOMY AND PHYSIOLOGY [302631]:**

1 credit              Open 11, 12

The structures and functions of the human body are the subject of this advanced course. The students will study the skeletal system as well as the muscular system plus the other eight major systems of the body. Students will dissect a mammal to get first-hand experience of anatomical structures. This class provides a good background for students going into the medical field or into physical education as a college major. Performance-based skills will be tested. This is a laboratory science class.

***Prerequisite:*** *Biology with a B average and a teacher recommendation.*

**ACCELERATED BIOLOGY [302601A]:**

1 credit              Open 9, 10

Course content will include biochemistry, cell structure, genetics, interdependence of organisms, and biological change. Students should have a high reading ability, as independent readings in current science research are required. Performance-based laboratory skills will be tested. This class is designed to prepare students for AP Biology. Earth/Space Science components will be incorporated as part of the course curriculum.

***Prerequisite:*** *CCR Integrated Science with a B average and/or a teacher recommendation.*

**COLLEGE AND CAREER BIOLOGY [302601]:**

1 credit              Open 10

This course is designed for students with above-average reading ability and interest in science. Reading comprehension above the student's grade level is important. Course content will include biochemistry, cell structure, genetics, interdependence of organisms and biological change. Performance-based laboratory skills will be tested. Earth/Space Science components will be incorporated as part of the course curriculum.

***Prerequisite:*** *Intro to Chem/Phys*

**ADVANCED PLACEMENT BIOLOGY [302646]:**

1 credit (Weighted Course)      Open 10, 11, 12

AP Biology is designed for students who possess a conceptual framework, factual knowledge, and the analytical skills necessary for understanding the rapidly changing science of biology. This course differs significantly from an initial high school biology course because it has been designed to be reflective of an introductory college course for freshmen biology majors. Students will be using a college-level textbook, will be completing multiple college-level labs, and will be studying the content with a greater range and depth. This is a laboratory science.

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***Prerequisite:*** *Accelerated Science courses with at least a B average, Accelerated Chemistry (may be taken concurrently) and a teacher recommendation.*

**FORENSICS [302616]:****1 credit      Open 12**

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

***Prerequisite: Biology with a B average and teacher recommendation***

**ENVIRONMENTAL SCIENCE [304620]:****1 credit      Open 12**

This course is open only to SENIORS. This course will investigate current environmental problems using various audiovisual materials. Objective-type testing will provide for student success and an enjoyable program in current world environmental studies. Topics covered include: air and water pollution and treatment, biohazards, recycling, thermal and light pollution, and other related topics.

**ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE [304622]:****1 credit (Weighted Course)      Open 12**

AP Environmental Science is designed to be comparable to a typical college or university environmental science course. The topics outlined in the course are developed by the Advanced Placement Program and The College Board, these wide range of topics include ecology, policy and engineering. Six main content areas will be covered in the course; Interdependence of Earth's Systems, Human Population Dynamics, Renewable and Nonrenewable Resources, Environmental Quality, Global Changes and their Consequences, and Environment and Society. A strong background in science and mathematics is recommended.

***Prerequisite: Accelerated Biology and Accelerated Chemistry and a teacher recommendation.***

**AP PHYSICS 1: ALGEBRA –BASED [304828]:****1 credit (Weighted Course)      Open 11, 12**

AP Physics 1 is an algebra based, introductory college level physics course. Students cultivate their understanding of physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound. College credit is earned with a qualifying score on an AP exam.

***Prerequisite: Completion of or concurrent enrollment in either Pre-Calculus, Accelerated Pre-Calculus, or AP Calculus AB.***

**ACCELERATED PHYSICS I [304821A]****1 credit Open 11, 12**

Students develop a conceptual understanding of physics as outlined in the Kentucky Academic Standards for Science. They experience concepts such as motions and forces, conservation of energy and the increase in disorder, interactions of energy and matter. Students will learn these core ideas through the use of the science and engineering practices and crosscutting concepts. The science and engineering practices are skills students will use as they investigate the natural world and develop solutions to problems. The crosscutting concepts are conceptual ways of thinking that cross the domains of science.

***Prerequisite: Completion of or concurrent enrollment in Algebra 2 or Accelerated Algebra 2.***

# **STEM PATHWAYS**

## **PROJECT LEAD THE WAY® – BIOMEDICAL SCIENCE PATHWAY**

The rigorous and relevant four-course PLTW Biomedical Science sequence allows students to investigate the roles of biomedical professionals as they study the concepts of human medicine, physiology, genetics, microbiology, and public health. Students engage in activities like investigating the death of a fictional person, learning content in the context of real-world cases. They examine the structures and interactions of human body systems and explore the prevention, diagnosis, and treatment of disease; all while working collaboratively to understand and design solutions to the most pressing health challenges of today and the future.

Each course in the Biomedical Science sequence builds on the skills and knowledge students gain in the preceding courses. Schools offer the three PLTW Biomedical Science foundation courses within a period of three academic years from the start of implementation and may also offer the capstone course.

### **PRINCIPLES OF BIOMEDICAL SCIENCE [170701]:**

1 credit Open to 9, 10

In the introductory course of the PLTW Biomedical Science program, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems.

***Prerequisite:*** “A” average in 8<sup>th</sup> grade science course. ***Concurrent enrollment in grade-level or higher math and completion of or concurrent enrollment in Biology.***

**Class Fee: \$10 (Fees must be paid)**

### **HUMAN BODY SYSTEMS [170702]:**

1 credit Open to 10, 11

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

***Prerequisite:*** ***Completed Principles of Principles of Biomedical Science and Biology with a “B” or better.***

**Class Fee: \$10 (Fees must be paid)**

### **MEDICAL INTERVENTIONS [170703]:**

1 credit Open to 11, 12

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

***Prerequisite:*** ***Completed previous Biomedical Science course with a “B” or better.***

**Class Fee: \$10 (Fees must be paid)**

### **CAPSTONE COURSE – BIOMEDICAL INNOVATION\* [170704]:**

1 credit (Weighted Course)      Open to 12

In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They have the opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

**Note:** Students will complete the associated KOSSA examination for this pathway.

**Prerequisite:** Completed previous Biomedical Science course with a “B” or better.

**Class Fee:** \$10 (Fees must be paid)

## **HEALTH SCIENCE**

**Elizabeth McGinnis, Chair**

### **PRINCIPLES OF HEALTH SCIENCE [170111]:**

1 credit      Open to 9, 10, 11

An orientation and foundation for occupations and functions in any health care profession. The course includes broad health care core standards that specify the knowledge and skills needed by the vast majority of healthcare workers. The course focuses on exploring health career options, history of healthcare, ethical and legal responsibilities, leadership development, safety concepts, health care systems and processes, and basic health care industry skills. This introductory course may be a prerequisite for additional courses in the Health Science program.

### **MEDICAL TERMINOLOGY [170131]:**

1/2 credit      Open to 10, 11, 12

A course designed to develop a working knowledge of language in all health science major areas. Students acquire word-building skills by learning prefixes, suffixes, roots and abbreviations. Students will learn correct pronunciation, spelling and application rules. By relating terms to body systems, students identify proper use of words in a medical environment. Knowledge of medical terminology enhances the student’s ability to successfully secure employment or pursue advanced education in health care.

### **EMERGENCY PROCEDURES [170141]:**

½ credit      Open to 10, 11, 12

This course will focus on potential emergency situations. It is designed to promote an understanding of standard precautions necessary for personal and professional health maintenance and infection control. Upon successful completion of the course, the student will demonstrate the necessary skills in First Aid and Cardiopulmonary Resuscitation (CPR) and will be given the opportunity to take the completion examination as outlined by the sponsoring agency.

### **ANATOMY AND PHYSIOLOGY [302631]**

1 credit      Open 11, 12

Structures and functions of the human body are the subject of this advanced course. The students will study the skeletal system as well as the muscular system plus the other eight major systems of the body. Students will dissect a mammal to get first hand experience of anatomical structures. This class provides a good background for students going into the medical field or into physical education as a college major. Performance-based skills will be tested. This is a laboratory science class.

**Prerequisite:** Biology with a B average and a teacher recommendation. Also, available as ACTC course BIO 137/BIO 139 Human Anatomy & Physiology I/II.

## **BODY STRUCTURE AND FUNCTION [170167]**

1 credit            Open 11, 12

Body Structures and Functions is designed to provide knowledge of the structure and function of the human body with an emphasis on normalcy. The interactions of all body systems in maintaining homeostasis will promote an understanding of the basic human needs necessary for health maintenance. Academic knowledge from life science core content as it relates to the human body will be included. Laboratory activities should be a part of the course when appropriate.

## **MEDICAID NURSE AIDE [170631]:**

1 credit            Open to 12

Course will be aligned with the Kentucky Medicaid Nurse Aide Handbook and will require 16 hours of supervised clinical at an approved long-term care facility. This course meets for 2 class periods during the semester. This course meets for 2 class periods during the semester.

***Prerequisite: Completion of Principles of Health Science, Emergency Procedures, Medical Terminology/ Medical Terminology dual credit, and Anatomy/Physiology/ Body Structure and Function.***

***Also, available as Dual Credit NAA 100 Nursing Assistant Skills I.***

## **NAA 100 Nursing Assistant Skills I [NAA 100 ACTC] MEDICAID NURSE AIDE [170631]:**

1 Credit (Weighted Course)    Open to 12

Provides knowledge and skills for nurse aides to assume the role and responsibility required in a long-term care setting. The focus is communication, infection control, safety, resident/patient rights, and basic nursing skills. Note: Faculty and clinical sites must comply with applicable Federal and Kentucky laws and regulations including but not limited to 42 USC 1396r and 907 KAR 1:450. Lecture: 3 credits (75 contact hours).

***Prerequisite: 3.0 Unweighted GPA and 18 or higher composite on ACT.***

## **MEDICAL LABORATORY AIDE (PHLEBOTOMIST) [170567]:**

1 credit            Open to 12

This course consists of a combination of classroom and hands-on experiences related to the student's education objectives in the area of Medical Laboratory Aide/Phlebotomist. Students may be eligible to take the National Health Careers Association Phlebotomy Tech certification exam upon successfully completing this course. It is best practice for students to participate in a work-based learning experience during this course. Students will be required to follow program and agency requirements for attendance and health screening. These may include but are not limited to drug screens, TB (tuberculin) skin test, and immunization certificates. Students must complete a minimum of 30 successful unaided venipuncture collections and 10 successful unaided capillary collections in order to take the National Health Careers Association certification exam. This course meets for 2 class periods during the semester.

***Prerequisite: Completion of Principles of Health Science, Emergency Procedures, Medical Terminology/ Medical Terminology dual credit, and Anatomy/Physiology/ Body Structure and Function.***

## **EKG TECHNICIAN [170555]:**

1 credit            Open to 12

This course provides experience related to the student's education objectives in the area of EKG (Electrocardiogram) technician. Upon successful completion of the course, students may be eligible to take the NHA EKG (Electrocardiogram) Technician Certification examination. It is best practice for students to participate in a work-based learning opportunity

during this course. Students will be required to follow program and agency requirements for attendance and health screenings. These may include but are not limited to drug screens, TB (tuberculin) skin test, and immunization certificates.

***Prerequisite: Completion of Principles of Health Science, Emergency Procedures, Medical Terminology/ Medical Terminology dual credit, and Anatomy/Physiology/Body Structure and Function.***

### **PHARMACY TECHNICIAN [170558]:**

1 credit            Open to 12

This course may be completed as an independent study or classroom course during the student's senior year. Material covered will include: Orientation, Federal Law, Medication Review, Aseptic Techniques, Calculations, and Pharmacy Operations. It is best practice for students to participate in a work-based learning experience at a pharmacy during this course. Upon completion of this internship, students are eligible to take the Pharmacy Technician Certification examination in order to obtain national certification. Students will be required to follow program and agency requirements for attendance and health screenings. These may include but are not limited to: drug screens, TB skin test, and immunization certificates. The clinical portion of this course requires a minimum of 50 hours of experience—40 hours in a retail pharmacy and 10 hours in a hospital pharmacy. This course meets for 2 class periods during the semester.

***Prerequisite: Completion of Principles of Health Science, Emergency Procedures, Medical Terminology/ Medical Terminology dual credit, and Anatomy/Physiology/Body Structure and Function.***

### **ALLIED HEALTH CORE SKILLS [170501]**

1 Credit            Open to 11 & 12

Allied Health Core Skills is designed to provide knowledge, concepts and psychomotor skills necessary for gainful employment as an entry-level health care worker. Assisting students in selecting a career major, classroom instruction and educational objectives are combined with learning experiences, observations, and a work-based learning opportunity such as internship, shadowing, or clinical rotation. This course is designed for students not enrolled in the Medicaid Nurse Aide program or the Patient Care Technician program.

***Prerequisites: Principles of Health Science 170111 and Medical Terminology 170131 and Emergency Procedures 170141***

## Paul G. Blazer Career Pathway

**Program Area:** Health Science

**Pathway:** EKG Technician

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Principals of Health Science*</b>			
10TH	English 10	Geometry	Biology	World Civilizations	<b>Principals of Health Science</b>	<b>Emergency Procedures** and Med Term***</b>		
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Anatomy and Physiology or Anatomy/Physiology I*** (dual credit) or Body Structure and Function</b>	<b>Medical Terminology*** (Dual credit)</b>		
12TH	English 12	Fourth Year of Math			<b>Internship: EKG Technician</b>			<b>Industry Certification: Certified EKG Technician (CET) Exam</b>

\*Freshman students require a recommendation from Counselor/Teacher and a GPA of 3.0 or above. \*\*Indicates half-credit course.

\*\*\*Dual credit through ACTC. ACTC may require specific ACT scores in Reading.

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Health Science

**Pathway:** Medicaid Nurse Assistant (MNA)

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY		CAREER-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Principals of Health Science*</b>		
10TH	English 10	Geometry	Biology	World Civilization	<b>Principals of Health Science</b>	<b>Emergency Procedures** and Med Term**</b>	
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Emergency Procedures**/Medical Terminology*** (Dual Credit)</b>	<i>Anatomy and Physiology or Anatomy/Physiology I/II*** (Dual credit) or Body Structure and Function</i>	
12TH	English 12	Fourth year of Math			<b>Medicaid Nurse Aide or NAA 100 Dual Credit***</b>  <b>Courses taught as a 2 period block</b>		<b>Industry Certification:</b> State Registered Nursing Assistant (SRNA)/Medicaid Nurse Aide (MNA)

\*Freshman students require a recommendation from Counselor/Teacher and a GPA of 3.0 or above.

\*\*Indicates half-credit course.

\*\*\*Dual credit through ACTC. ACTC may require specific ACT scores in Reading.

Courses in **bold** are required for the pathway. Courses italicized are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Health Science

**Pathway:** Pharmacy Technician

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Principals of Health Science*</b>			
10TH	English 10	Geometry	Biology	World Civilization	<b>Principals of Health Science</b>	<b>Emergency Procedures** and Med Term**</b>		
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Anatomy and Physiology or Anatomy/Physiology I/II*** (Dual credit) or Body Structure and Function</b>	<b>Emergency Procedures**/ Medical Terminology*** (Dual credit)</b>		
12TH	English 12	Fourth Year of Math			<b>Pharmacy Technician</b>		<b>Industry Certification: Pharmacy Technician Certification Board (CPhT)</b>	

\*Freshman students require a recommendation from Counselor/Teacher and a GPA of 3.0 or above.

\*\*Indicates half-credit course.

\*\*\*Dual credit through ACTC. ACTC may require specific ACT scores in Reading.

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Health Science

**Pathway:** Phlebotomy Technician

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Principles of Health Science*</b>			
10TH	English 10	Geometry	Biology	World Civilization	<b>Principals of Health Science</b>	<b>Emergency Procedures** and Med Term**</b>		
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Anatomy and Physiology or Anatomy/Physiology I/II*** (Dual credit) or Body Structure and Function</b>	<b>Emergency Procedures** /Medical Terminology*** (Dual credit)</b>		
12TH	English 12	Fourth Year of Math			<b>Medical Laboratory Aide (Phlebotomist)</b>			<b>Industry Certification:</b> Phlebotomy Technician Certification Exam (CPT)

\*Freshman students require a recommendation from Counselor/Teacher and a GPA of 3.0 or above.

\*\*Indicates half-credit course.

\*\*\*Dual credit through ACTC. ACTC may require specific ACT scores in Reading.

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Health Science

**Pathway:** Allied Health

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Principles of Health Science*</b>			
10TH	English 10	Geometry	Biology	World Civilization	<b>Principals of Health Science</b>	<b>Emergency Procedures** and Med Term**</b>		
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Anatomy and Physiology or Anatomy/Physiology I/II*** (Dual credit) or Body Structure and Function</b>	<b>Emergency Procedures** /Medical Terminology*** (Dual credit)</b>		
12TH	English 12	Fourth Year of Math			<b>Allied Health Core Skills</b>		<b>Industry Certification:</b> on NOCTI	

\*Freshman students require a recommendation from Counselor/Teacher and a GPA of 3.0 or above.

\*\*Indicates half-credit course.

\*\*\*Dual credit through ACTC. ACTC may require specific ACT scores in Reading.

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## **CTE – ENGINEERING PATHWAY**

In Engineering, students engage in open-ended problem solving, learn and apply the engineering design process, and use the same industry-leading technology and software as are used in the world's top companies. Students are immersed in design as they investigate topics such as sustainability, mechatronics, forces, structures, aerodynamics, digital electronics and circuit design, manufacturing, and the environment, which gives them an opportunity to learn about different engineering disciplines before beginning post-secondary education or careers.

### **ENGINEERING I [210221]**

1 credit      Open to 9, 10, 11, 12

This course applies the skills, concepts, and principles of engineering. Students explore various technological systems and engineering processes in related career fields. Topics include investigating technological system, design optimization, and problem solving. Students utilize CAD (computer-aided design) and physical and virtual modeling concepts to construct, test, collect, and report data. **Participation in Kentucky Technology Student Association will greatly enhance instruction.**

### **ENGINEERING II [210222]**

1 credit      Open to 10, 11, 12

A project and research-based course that extends the learning experiences where students focus on mechanical, electrical, fluid and thermal systems allowing in depth exploration in selected disciplines of engineering areas such as manufacturing, power/energy/transportation, robotics, hydraulics, electricity/electronics, communications, construction systems, alternative energy, computer-aided design, and problem solving. **Participation in Kentucky Technology Student Association will greatly enhance instruction.**

*Pre-requisite: Students must have successfully completed or currently be enrolled in Algebra 2 to take this class and Engineering Teacher Approval*

### **CIVIL ENGINEERING [210223]**

1 credit      Open to 10, 11, 12

This is an introduction to residential and light commercial building construction and design. Students will learn basic sketching, architectural drafting skills with an emphasis on computer aided drafting. In this class, students will design a structure relevant to today's modern architecture and create models of their designs with various materials and tools. Students will experience and solve many problems in designing or building structures with regard to environment and community impact and limitations from town planning, urban design and landscape architecture to furniture and objects. **Participation in Kentucky Technology Student Association will greatly enhance instruction.**

*Prerequisites: [Engineering I 210221](#) and/or [Engineering II 210222](#)*

### **ENGINEERING CAPSTONE [210110]**

1 credit      Open to 12

Engineering scope, content, and professional practices are presented through practical applications in this capstone course. Students in engineering teams apply technology, Kentucky Academic Standards, and skills to solve engineering design problems and create innovative designs. Students research, develop, test and analyze engineering designs using criteria such as design effectiveness, public safety, human factors and ethics. **This course is required during 12<sup>th</sup> grade to complete this pathway. Participation in Kentucky Technology Student Association will greatly enhance instruction.**

*Prerequisites: [Engineering I 210221](#) and/or [Engineering II 210222](#)*

## Paul G. Blazer Career Pathway

**Program Area:** Engineering

**Pathway:** Civil Engineering CIP 14.0801.00

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER-READY MEASURE
					Engineering I			
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	<b>Engineering I</b>			
10TH	English 10	Geometry	Biology	World Civilizations	<b>Engineering II</b>			
11TH	English 11	Algebra II	Chemistry	U.S. History	<b>Civil Engineering</b>			
12TH	English 12	Fourth Year of Math			<b>Engineering Capstone</b>			<b>EOP Engineering and Technology Manufacturing and/or Autodesk Revit Certified User</b>

Courses in **bold** are required for the pathway. Courses *italicized* are recommended for the pathway.

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.



## **SOCIAL STUDIES DEPARTMENT:**

**Phil Wittich, Chair**

**SOCIAL STUDIES – 3 CREDITS REQUIRED (GEOGRAPHY/CIVICS, WORLD CIVILIZATIONS, and U. S. HISTORY). SEQUENCE OF COURSES AT BLAZER:**

**9<sup>th</sup> Grade: Integrated Social Studies**

**10<sup>th</sup> Grade: World Civilizations**

**11<sup>th</sup> Grade: US History**

**Electives: Psychology, Sociology, as well as AP offerings.**

### **COLLEGE AND CAREER INTEGRATED SOCIAL STUDIES [459801]:**

1 credit      Open to 9

Students will examine both the physical and human geography of our world including culture, conflict, and global impact. Students will examine the global issues that affect the United States economically, militarily, and politically. A portion of this class is devoted to the political process and Constitution of the United States of America. Map, graph, and chart reading skills will be emphasized throughout the course.

### **ACCELERATED INTEGRATED SOCIAL STUDIES [459801A]:**

1 credit      Open to 9

Students will take an in-depth examination of the ever-changing world around them. Students will examine both the physical and human geography of our world including culture, conflict, and global impact. Heavy emphasis will be put on the nations and global issues that directly impact the United States economically, militarily, and politically. A portion of this class is devoted to the political process, economic system, and Constitution of the United States of America. The student will investigate the concepts and schools of economics as well as many economies from around the world. Map, graph, and chart reading skills will be emphasized throughout the course.

***Prerequisite: Students must simultaneously meet requirements for and be enrolled in Accelerated English 9.***

### **ACCELERATED WORLD CIVILIZATIONS [450835A]:**

1 credit      Open to 10

This course is a chronological, in-depth study of world civilizations from the Renaissance to present day, beginning with a regional approach from Middle Ages to the onset of WWI and culminating with a global approach from the end of WWI to the present day. The course is specifically designed for students who have demonstrated a high level of academic excellence and a strong work ethic in social studies. Furthermore, many activities are designed to prepare students for advanced placement social studies courses. Activities include but are not limited to creative and analytical writing, research projects, book reviews, and analysis of primary documents.

***Prerequisite: Students must have maintained an “A” average in Accelerated Integrated Social Studies or an ‘A’ in all four quarters of CCR Integrated Social Studies (not an average).***

### **COLLEGE AND CAREER WORLD CIVILIZATIONS [450835]:**

1 credit      Open to 10

In this course students will participate in an in-depth chronological study of world civilization from the Renaissance to present day, beginning with a regional approach from the Middle Ages to the onset of WWI and culminating with a global approach from the end of WWI to the present day. Ethnic and cultural appreciation is stressed.

**ADVANCED PLACEMENT U.S. HISTORY [450814]:**

1 credit (Weighted Course)      Open to 11

AP United States History is designed to be the equivalent of a two-semester introductory college U.S. history course and is very rigorous. To receive college credit, students must pass the AP United States History exam. The AP exam is difficult; however, with time and effort a passing score can be achieved. The course focuses on developing students' understanding of American History from approximately 1492 to present day. The course has students investigate the content of U. S. History for significant events, individuals, and develop historical thinking skills. Students will be analyzing primary and secondary sources, making historical comparisons, develop chronological reasoning, and historical argumentation. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study are necessary to succeed. The class is designed for the student who will take the time to read and complete the material. In addition, attendance is extremely important in this class.

Students may be eligible (depending upon exam score and university policy) to earn college credit.

*Prerequisite: Students must have maintained an "A" average in ACC World Civilizations or have recorded an "A" in all four quarters of CCR World Civilizations (not an average).*

**COLLEGE AND CAREER UNITED STATES HISTORY [450812]:**

1 credit      Open to 11

This course is designed to greatly enrich student knowledge and appreciation for the history of the United States. This course examines the evolution of the American republic from the initial European incursions into North America to the present providing students with a civic education focusing on concepts such as compromise, rights and responsibilities, and to understand democracy.

**ADVANCED PLACEMENT U.S. GOVERNMENT & POLITICS [451030]:**

1 credit (Weighted Course)      Open to 12

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes and behaviors.

*Prerequisite: Students must have maintained an "A" or "B" average in AP U.S. History or recorded an "A" in every quarter of CCR U.S. History (not an average).*

**PSYCHOLOGY [459901]:**

½ credit      Open to 11, 12

The purpose of this course is to investigate why human beings think and act the way they do. This course will cover a general introduction to the field of psychology, the scientific study of behavior. Topics surveyed include scientific methodology, biological bases of behavior, sensation and perception, states of consciousness, learning, thinking, memory, motivation and emotion, development, personality, stress and health, psychological disorders and psychotherapy, social interaction, and diversity. Theories and current research will be presented for the student to critically evaluate and understand. Each Module will present the terminology, theories and research that are critical to the understanding of the topic. Assignments and assessments will be included as well as presentations and interactive experiments.

**SOCIOLOGY [451121]:**

½ credit      Open to 11, 12

Sociology is the scientific study of human society. It is concerned with the behavior of human beings in group situations. The study of sociology, therefore, consists of trying to understand: The basic units and institutions of social life, such as the family, schools, neighborhoods, rural and urban communities, and the many other kinds of groups with which humans identify. This group can include occupational, political, religious, ethnic, family, economic status, or ideology. The sociological perspectives focus on how those social relationships arise, why they persist, why antagonisms develop, and how they maintain social order to contribute to social change.

## **ADVANCED PLACEMENT PSYCHOLOGY [459902]**

1 credit (Weighted Course)      Open to 12

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first college year.

***Prerequisites: Students must have maintained an “A” or “B” average in Accelerated English 11 or recorded an “A” in every quarter of College and Career English 3 (not an average).***

# WELDING DEPARTMENT

## **CUTTING PROCESSES AND LAB [480501]**

1 credit      Open to 9, 10, 11, 12

Students will obtain a working knowledge of various cutting processes used by the welding industry. Skills will include but are not limited to safety; theory of operations; setup and operating techniques; troubleshooting; making minor equipment repairs; terms and definitions; identification; evaluation; and repair and prevention of discontinuities of cut surfaces. Also included are oxyfuel cutting, plasma arc cutting, exothermic cutting, air carbon arc cutting, shielded metal arc cutting, and mechanical cutting processes. **Note: This class is taught in two class periods during fall semester.**

## **SHIELDED METAL ARC WELDING (SMAW) AND LAB [480521]**

1 credit      Open to 10, 11, 12

Students will learn the identification, inspection, and maintenance of SMAW electrodes; principles of SMAW; the effects of variables on the SMAW process to weld plate and pipe; and metallurgy. **Note: This class is taught in two class periods during spring semester.**

## **GAS METAL ARC WELDING AND LAB [480522]**

1 credit      Open to 10, 11, 12

This course covers identification, inspection, and maintenance of GMAW machines; identification, selection and storage of GMAW electrodes; principles of GMAW; and the effects of variables on the GMAW process. Theory and applications of related processes such as FCAW, SMAW, and metallurgy are also included. Students learn the practical application and manipulative skills of Gas Metal Arc Welding and the proper safety situations needed in this process. Both ferrous and non-ferrous metals will be covered, as well as various joint designs on plates in all positions. **Note: This class is taught in two class periods during fall semester.**

## **SMAW GROOVE WELDS WITH BACKING LAB [480528]**

1 credit      Open to 10, 11, 12

Students will acquire the manipulative skills to do groove welds in all positions with backing. **Note: This class is taught in two class periods during spring semester.**

## Paul G. Blazer Career Pathway

**Program Area:** Welding Technology

**Pathway:** Welding-Entry Level CIP 48.0508.01

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	Cutting Processes and Lab (Fall) and SMAW Groove Welds with Backing (Spring)			
10TH	English 10	Geometry	Biology	World Civilizations	Gas Metal Arc Welding and Lab (Fall) and Shield Metal Arc Welding (SMAW) and Lab (Spring)	Cutting Processes and Lab (Fall) and SMAW Groove Welds with Backing (Spring)		
11TH	English 11	Algebra II	Chemistry	U.S. History	Gas Metal Arc Welding and Lab (Fall) and Shield Metal Arc Welding (SMAW) and Lab (Spring)	Cutting Processes and Lab (Fall) and SMAW Groove Welds with Backing (Spring)		
								<b>High Demand</b>
12TH	English 12	Fourth Year of Math			Gas Metal Arc Welding and Lab (Fall) and Shield Metal Arc Welding (SMAW) and Lab (Spring)	Cutting Processes and Lab (Fall) and SMAW Groove Welds with Backing (Spring)		2 Exams Required OSHA 10 AND Choose 1 of the following: 2-F (AWS) Welding AWS Sense Certification (Level 1) KY Department of Transportation 3-G Or 2 Exams Required OSHA 30 AND Choose 1 of the following: 2-F (AWS) Welding AWS Sense Certification (Level 1) KY Department of Transportation 3-G or 2-F (AWS) Welding or AWS Sense Certification (Level 1) or KY Department of Transportation 3-G

**\*Complete 4 Credits in Required Courses**

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## Paul G. Blazer Career Pathway

**Program Area:** Welding Technology

**Pathway:** Welding TRACK Pre-Apprenticeship CIP 48.0508.99

GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	REQUIRED COURSES AND RECOMMENDED COURSES FOR PATHWAY			CAREER/ TRANSITION-READY MEASURE
9TH	English 9	Algebra I	Integrated Science	Integrated Social Studies	Cutting Processes and Lab (Fall) And SMAW Groove Welds with Backing (Spring)			
10TH	English 10	Geometry	Biology	World Civilizations	Gas Metal Arc Welding and Lab (Fall) and Shield Metal Arc Welding (SMAW) and Lab (Spring)	Cutting Processes and Lab (Fall) And SMAW Groove Welds with Backing (Spring)		
11TH	English 11	Algebra II	Chemistry	U.S. History	Gas Metal Arc Welding and Lab (Fall) and Shield Metal Arc Welding (SMAW) and Lab (Spring)	Cutting Processes and Lab (Fall) And SMAW Groove Welds with Backing (Spring)		
								High Demand
12TH	English 12	Fourth Year of Math			Gas Metal Arc Welding and Lab (Fall) and Shield Metal Arc Welding (SMAW) and Lab (Spring)	Cutting Processes and Lab (Fall) And SMAW Groove Welds with Backing (Spring)		2 Certifications Required: OSHA 10 TRACK Pre-Apprenticeship Certification

**\*Complete 4 Credits in Required Courses**

NOTE: Graduation requirements also include one Arts/Humanities credit, ½ credits in Health, and ½ credits in Physical Education.

## WORLD LANGUAGE DEPARTMENT:

Todd Adkins, Chair

Students wishing to enter a public university must earn at least 2 credits in the same World Language. Students who completed Spanish at Verity Middle School in 7<sup>th</sup> and 8<sup>th</sup> grade can complete this requirement by completing Spanish 2. Seniors must obtain permission before taking a level-one language course.

### **FRENCH 1 [160408]:**

1 credit      Open to 9, 10, 11 (12<sup>th</sup> grade with teacher's permission)

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of francophone and other cultures to participate in or identify simple authentic cultural material. In addition, students develop insight into their own language and culture. ***Prerequisite: B or better in English class the previous year, MUST BE enrolled in CCR English course or higher.***

### **FRENCH 2 [160409]:**

1 credit      Open to 10, 11, 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of francophone and other cultures. In addition, students develop insight into their own language and culture.

***Prerequisite: A "C" or better in French 1***

### **ACCELERATED FRENCH 2 [160409A]:**

1 credit      Open to 10, 11, 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of francophone and other cultures. In addition, students develop insight into their own language and culture. This course is fast paced and intended for students who plan to complete Accelerated French 3 and AP French during their course of study.

***Prerequisite: French 1 with a grade of "A" or teacher's permission. Accelerated French 2 is exclusively for those students intending to continue the study of French at the conclusion of this course.***

### **ACCELERATED FRENCH 3 [160410A]:**

1 credit      Open to 11, 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate low to intermediate mid-range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of francophone and other cultures. In addition, students develop insight into their own language and culture.

***Prerequisite: A grade of "B" average or higher in French 2 Accelerated, A grade of "A" in French 2 or permission.***

**ACCELERATED FRENCH 4 [160411A]:**

1 credit      Open to 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of francophone and other cultures. In addition, students develop insight into their own language and culture.

***Prerequisite: A grade of “B” average or higher in French 3 Accelerated or permission.***

**ADVANCED PLACEMENT FRENCH [160430]:**

1 credit (Weighted Course)      Open to 12

Prepares students for the Advanced Placement exam. Prepares students to understand and use the complexities of language fluently and accurately to perform communicative tasks. The course engages students in an exploration of culture in contemporary and historical contexts, developing students’ awareness and appreciation of tangible and intangible products, practices and perspectives. In addition, students make cultural comparisons between their culture and the Francophone world.

***Prerequisite: A “B” average or better in Accelerated French 3 and completion of summer assignment.***

***Note: Failure to complete summer homework will not result in a schedule change.***

**SPANISH 1 [161108]:**

1 credit      Open to 9, 10, 11, (12<sup>th</sup> grade with teacher’s permission)

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand the relationship among the products, practices and perspectives of other cultures to participate in or identify simple authentic cultural material. In addition, students develop insight into their own language and culture.

***Prerequisite: B or better in English class the previous year, MUST BE enrolled in CCR English course or higher.***

***Note: Students who have completed 2 years of Middle School Spanish and received credit for Spanish 1 are not eligible to take this course.***

**SPANISH 2 [161109]:**

1 credit      Open to 9, 10, 11, 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

***Prerequisite: A “C” or better in Spanish 1.***

**ACCELERATED SPANISH 2 [161109A]:**

1 credit      Open to 9, 10, 11, 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the novice high to intermediate low range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

***Prerequisite: Spanish 1 with a grade of “A” or teacher’s permission. Accelerated Spanish 2 is exclusively for those students intending to continue the study of Spanish at the conclusion of this course.***

**ACCELERATED SPANISH 3 [161110A]:**

1 credit      Open to 10, 11, 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate low to intermediate-mid range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

**Prerequisite: A grade of “B” average or higher in Spanish 2 Accelerated, A grade of “A” in Spanish 2 or permission.**

**ACCELERATED SPANISH 4 [161111A]:**

1 credit      Open to 11, 12

Prepares students to: perform interpersonal, interpretive and presentational communicative tasks within the intermediate range on the ACTFL Proficiency scale; interpret, exchange, and present, information, concepts and ideas both within the classroom and beyond on a variety of topics including connections to other subject areas; and understand, compare and participate in the relationship among the products, practices and perspectives of other cultures. In addition, students develop insight into their own language and culture.

**Prerequisite: A grade of “B” average or higher in Spanish 3 Accelerated or permission.**

**AP SPANISH LANGUAGE & CULTURE [161130]:**

1 credit (Weighted Course)      Open to 11, 12

Prepares students for the Advanced Placement exam. Prepares students to understand and use the complexities of the Spanish language fluently and accurately to perform communicative tasks. The course engages students in an exploration of culture in contemporary and historical contexts, developing students’ awareness and appreciation of tangible and intangible products, practices and perspectives. In addition, students make cultural comparisons between their culture and the Hispanic world.

***Prerequisite: A “B” average or better in Accelerated Spanish 3 and completion of summer assignment.***

***Note: Failure to complete summer homework will not result in a schedule change.***