

Kalamazoo Public Schools

Every child. Every opportunity. Every time.

2025-2026

HIGH SCHOOL BULLETIN OF COURSES

Kalamazoo Central High School

Kalamazoo Innovative Learning Program (KILP)

KPS Virtual

Loy Norrix High School

Phoenix High School



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Kalamazoo Central High School Counseling and Guidance



Judi Mentzer, Dean of Students

Mrs. Mentzer is a life-long Kalamazoo area resident. Mrs. Mentzer earned her Associates Degree from Kalamazoo Valley Community College, A Bachelor of Science in Secondary Education-Mathematics and earned her Masters of Arts Degree in Counseling Education and Counseling Psychology. Both of these degrees were from Western Michigan University. Mrs. Mentzer joined the Kalamazoo Central High School counseling staff in the fall of 2019. Prior to that she was the counselor for 26 years at Climax-Scotts Junior/Senior High School.

Kelly Fullerton, Counselor Serves Students with Last Names M-Q, U, V

Ms. Fullerton is a proud alumni of Kalamazoo Central High School. She has an Associate degree in Early Childhood Education from KVCC; a Bachelor of Arts in Middle Grades Education from Clark Atlanta University; and has her Masters of Arts in Counselor Education grades 6-12. Ms. Fullerton joined the Kalamazoo Central High School counseling staff in the fall of 2014. Prior to that, she was a middle/high school counselor in Covert, Michigan.



Jennifer Garrison, Counselor Serves Students with Last Names C-G

Mrs. Garrison is from Wahpeton, North Dakota, but now resides in Portage. She earned her Bachelor of Arts in Psychology from the University of Minnesota in 1998, a Masters of Education from National Louis University in 2002 and a Masters of Arts in School Counseling from Spring Arbor University in 2016. She has one year counseling experience in Winthrop, Minnesota and one year of middle school counseling experience in Dowagiac, MI. She joined the School Counseling staff at Kalamazoo Central in the fall of 2019.

The mission of Kalamazoo Central High School, a dynamic, student centered, diverse community of learners, is to prepare all students to graduate and to become lifelong learners who are responsible, contributing members of society, by providing relevant learning opportunities, personalized programs, and a knowledgeable, committed, nurturing staff in a safe environment.

K C

Kalamazoo Central High School Counseling and Guidance

Annie Hampel, Counselor **Serves Students with Last Names A, B, T**

Mrs. Hampel is originally from Minnesota and moved to Kalamazoo in 2014. She attended the University of Wisconsin-Madison for undergraduate and graduate school and earned her Masters of Science in Counseling in 2006. In Wisconsin, she gained experience working with youth in community organizations and schools. She moved to the east side of Michigan in 2011 and worked at the high school level before moving to Kalamazoo. Prior to joining the Kalamazoo Central team, she was a middle school counselor at Gull Lake Middle School for 8 years.



Randen Kroes, Counselor **Serves Students with Last Names R, S, W**

Mr. Kroes is from Kalamazoo, Michigan, and attended Otsego High School. He earned his Bachelor's and teaching degree in Physical Education from Grand Valley State University in 1999, and his Master's degree in Counseling Education from Western Michigan University in 2010. He taught Physical Education for Kalamazoo Public Schools for 9 years and is in his 9th year of School Counseling in the district including time spent at Linden Grove Middle School and the Alternative Learning Program (ALP).

Angel Olivarez, Counselor **Serves Students with Last Names H-L, Y, Z**

Mr. Olivarez is originally from Brownsville, Texas but has lived in Kalamazoo since 1999. Mr. Olivarez earned his Bachelor of Arts in Elementary Education from Southwest Texas State University and his Master of Arts in School Counseling from the University of Texas. He joins the Kalamazoo Central High School Counseling Staff this fall after being a school counselor at Maple Street for 23 years. Before working at KPS, he taught in the Detroit Public School system and in his hometown taught 4th grade, middle school ESL, and served as an Elementary School Counselor. Se habla español.



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K C

Loy Norrix High School Counseling and Guidance

Stephanie Perry, Dean of Students

Mrs. Perry earned her Bachelor of Arts degree in Elementary Education from Central Michigan University in 2002, Masters of Arts in Educational Leadership from Saginaw Valley State University in 2006, and Masters of Arts: Professional School Counseling from Lamar University in 2013. She has many educational experiences including an emergency certification for Emotionally Impaired students and teaching in Chippewa Hills Intermediate School in Remus and White Pine Middle School in Saginaw Township. She moved to Kalamazoo to teach 4th grade, then became a Climate Culture Instructional Coach for three years, followed by 8 years as a school counselor at Linden Grove Middle School.



Pamela Cook, Counselor Serves Students with Last Names A-Co

Ms. Cook earned her Bachelor of Science Degree in Elementary Education from the University of Wisconsin-Superior in 1995 and her Masters of Arts Degree in Counselor Education and Counseling Psychology from WMU in 2003. Ms. Cook joined the counseling department at Loy Norrix in 2015. Prior to that, she worked as an elementary teacher and high school counselor in Battle Creek, Michigan.

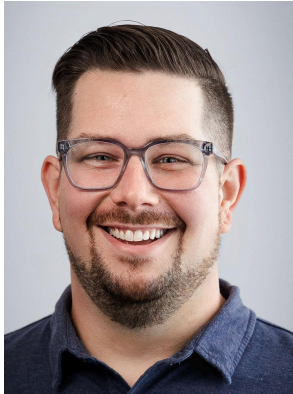
Becky Parsons, Counselor Serves Students with Last Names Cr-Ha

Miss Parsons earned her Bachelor of Arts Degree in Art Education from Western Michigan University in 2002 and her Master of Arts Degree in Counselor Education and Counseling Psychology from Western Michigan University in 2009. Miss Parsons joined the counseling department at Loy Norrix in 2018. Prior to that, she worked as a school counselor at the elementary, middle, and high school levels.



The mission of Loy Norrix High School is to provide a safe, diverse, and academically rich environment for our students. Our purpose is to provide students with the tools, skills, and knowledge necessary to become contributing members of society.

Loy Norrix High School Counseling and Guidance



Matt Ray, Counselor **Serves Students with Last Names Me-R**

Mr. Ray earned his Bachelor of Arts in Community and Human Services from Siena Heights University and his Master of Arts in Counseling from Spring Arbor University. Before joining the counseling profession, Mr. Ray worked in church ministry and served as a program manager at a local Kalamazoo housing agency, where he supported individuals experiencing homelessness. Mr. Ray began his journey at Loy Norrix as a counseling intern from January to June 2024 and officially joined the counseling department as a school counselor for the 2024-2025 school year. He and his wife are raising their four children, all of whom attend Kalamazoo Public Schools. In his free time, he enjoys spending time with his family and their beloved goldendoodle.

Natalie Washington, Counselor **Serves Students with Last Names S-Z**

Mrs. Washington earned her Bachelor of Arts Degree in Sociology, with a minor in Psychology from Western Michigan University in 2011. She completed her Masters in Counselor Education and Counseling Psychology from WMU in 2017. Mrs. Washington has been a proud Kalamazoo resident for several years and joined the Loy Norrix counseling department in the Fall of 2019. Prior to Loy Norrix, Mrs. Washington worked as a counselor for Battle Creek Public Schools.



Jocelyn Wright Newman, Counselor **Serves Students with Last Names He-MC**

Mrs. Wright Newman earned her Bachelor of Arts Degree in International Studies and Spanish from Emory University in 1997 and her Master of Arts Degree in Counselor Education from WMU in 2006. Mrs. Wright Newman has lived in Kalamazoo for many years and joined the counseling department at Loy Norrix in 2024. Prior to that, she was a school counselor at the middle school, high school and post-secondary levels as well as a Career Development Consultant with Kalamazoo RESA.

The mission of Loy Norrix High School is to provide a safe, diverse, and academically rich environment for our students. Our purpose is to provide students with the tools, skills, and knowledge necessary to become contributing members of society.



Phoenix High School

Phoenix High School is designed for students who would find success in a smaller, more personal school setting. A smaller learning environment that is centered on students' interests and passions, and a strong academic curriculum in core subject areas help students engage themselves in the learning and college readiness process.

Program Features:

- Smaller, personalized learning environment
- Focus on core curriculum credit accumulation
- Kalamazoo Promise eligible
- Transportation provided for KPS residents
- School hours 7:22 a.m. – 1:01 p.m.
- Personalized mentoring and monitoring program
- Courseware (online instruction) available during and after school
- Partnership with W.M.U. School of Education to provide post-secondary mentoring and tutoring
- Xello

Graduation Credits:

18 credits are required to graduate from Phoenix High School, included are the following course credits:

4.0 English	1.0 Visual, Performing, and Applied Arts	0.5 Health
4.0 Math	2.0 World Language	0.5 Personal Finance
3.0 Science	0.5 Physical Education	0.5 Elective
3.0 Social Studies	**The Online Experience is offered through various courses.	

Enrollment Process

1. Inform home school regarding intent to apply for enrollment to Phoenix High School
2. Contact Phoenix High School to schedule an appointment at (269) 337-0760
3. Interview and Orientation Preparation (Phoenix will provide details)

Meet Your Counselor

Mrs. Simpson earned her Bachelors of Arts in Teaching in 2007 and Master's of Arts in School Counseling in 2011 from the University of Detroit Mercy. In addition, Mrs. Simpson earned her Education Specialist Degree in Administration and Supervision from Wayne State University in 2015. Simpson joined Kalamazoo Public Schools in 2014 as a school counselor at Phoenix High School, then worked at Milwood Middle School, and now has returned to Phoenix High School in 2024.



Stephanie Simpson

The mission of Phoenix High School, one of four high schools for Kalamazoo Public School students, is to ensure that all students with a desire to graduate are given that opportunity in a smaller, student-centered environment.



Kalamazoo Innovative Learning Program (KILP)

The Kalamazoo Innovative Learning Program (KILP) is a small hybrid (part time in-person/part time remote) high school designed for 3rd and 4th year students who need to recover lost credit and progress toward graduation. KILP is designed for students who are significantly behind in credits, and who need more flexibility in their schedules.

Students engage in their Michigan Merit curriculum through a virtual platform with the support of a teacher and other support personnel, and work on their classes both in-person and remotely. Staff encourage students throughout their enrollment, but students should be able to work independently.

Program Features: 10-20 students per in-person session; 10:1 Average Student:Teacher Ratio; Flexible schedule, Individualized learning environment; Kalamazoo Promise eligible.

Schedule, Graduation Requirements, How to Enroll

Students are required to attend school all 5 days for their assigned 2 hour class session. Students are also expected to work at home for a minimum of 4 hours each school day resulting in 20+ hours each week. The daily schedule is as follows:

Session 1	Session 2	Session 3
Class Time: 8:30-10:30 Cold Breakfast: 8:15-8:30	Class Time: 10:30-12:30 Hot Lunch: 12:30-12:45	Class Time: 1:00-3:00 Hot Lunch 12:30-12:45

Graduation Requirements: 18 credits

4.0 English	1.0 Visual, Performing, and Applied Arts	0.5 Health
4.0 Math	2.0 World Language	0.5 Personal Finance
3.0 Science	0.5 Physical Education	0.5 Elective
3.0 Social Studies	**The Online Experience from the MMC is met due to the hybrid structure of KILP.**	

How to Enroll

- 1) Request a referral from your KPS high school counselor.
- 2) Your counselor will submit your referral to Student Services and KILP using the [KILP Application](#)
- 3) If you meet the criteria and there is space available in the program, someone from KILP will reach out to you to set up a time for an intake interview.

Meet Your Counselor



Mrs. DaSilva earned her Bachelor of Science degree in Psychology with a minor in Holistic Health Care from Western Michigan University in 2014. She completed her Master of Arts degree in Counselor Education: School Counseling from Western Michigan University in 2021. Mrs. DaSilva is a proud lifelong Kalamazoo resident, Loy Norrix High School graduate and Kalamazoo Promise recipient.



KPS Virtual Secondary Program

KPS Virtual Secondary Program is a “choice” program at Kalamazoo Public Schools that families can opt into during the **School of Choice Process**. KPS Virtual Secondary Program is designed for students in **grades 6-12** who are interested in pursuing their coursework from home, on an online platform.

What you need to know before signing up:

- Students should be independently motivated and relatively self-sufficient learners, expecting approximately 15-20 (plus) hours per week of independent or asynchronous work.
- Though students will not spend the typical 30 hours of seat time in a building, they will have anywhere from 10-15 hours in scheduled synchronous classes via Google meetings a few times a week. Schedules are more like college schedules, where students may have classes on some days and not on others, allowing them to be more flexible. This often works well with KAMSC students, students who have Dual-Enrollment courses and students who have jobs or take outside personal enrichment classes (gymnastics training, etc.). This program also works well for students who do not do well in the larger school environments.
- Students are expected to participate in the synchronous courses fully with their cameras on, as a part of the virtual community. We understand that accommodations have to be made for some students with disabilities or needs, but we expect all of our students to be engaged.
- We do offer in person support by appointment and try to provide opportunities for our students to engage in activities after school with their peers, especially in the middle school. Students are also encouraged to continue to participate in their home school activities (they remain connected to their home middle school or high school).
- KPS Virtual is a PROGRAM, not a SCHOOL. Students remain students of their home school the entire time, and can attend all school activities and graduate from their middle and high schools.

Program Features: More individualized and small group interaction with instructors; more independence with coursework; more flexibility with schedules; maintain home high school status for sports, activities, services; Kalamazoo Promise eligible

Graduation Requirements: 24 credits

4.0 English	0.5 College/Career Readiness	0.5 Health
4.0 Math	2.0 World Language	0.5 Personal Finance
3.0 Science	1.0 Visual, Performing, Applied Arts	4.0 Elective
4.0 Social Studies	0.5 Physical Education	

How to Enroll: Sign up for KPS Virtual (Secondary) through the School of Choice Process.

Meet Your Counselor

Mrs. DaSilva earned her Bachelor of Science degree in Psychology with a minor in Holistic Health Care from Western Michigan University in 2014. She completed her Master of Arts degree in Counselor Education: School Counseling from Western Michigan University in 2021. Mrs. DaSilva is a proud lifelong Kalamazoo resident, Loy Norrix High School graduate and Kalamazoo Promise recipient.



KPS Virtual Program

Enrollment/Grade Classification

Ninth Grade: Students who enter high school from one of our middle schools are expected to have passed all eighth-grade courses.

Minimum number of credits needed for classification as:

Sophomore	Grade 10	5.0
Junior	Grade 11	11.0
Senior	Grade 12	17.0

Minimum number of credits required to graduate: 24

Graduation Requirements

NOTE: The Kalamazoo Public Schools Board of Education adopted the following graduation requirements and met the Michigan Merit Curriculum (MMC). The requirements are subject to review and may change at the discretion of the Board. Any such changes would follow a phase-in process. In addition to the Board-approved graduation requirements, students may need to meet additional requirements specific to their school. Your counselor can advise you of specific requirements for graduation.

Class of 2025 – 2026

<u>Required Subjects</u>	<u># of Credits</u>
English	4
Mathematics	4
Science	3
Social Studies	4
Physical Education	.5
Health	.5
Visual, Performing and Applied Arts	1
World Language	2
Personal Finance	.5
College & Career Readiness	.5
Electives	4.0
Total Credits	24

Additional Requirements for Graduation:

- Michigan Merit Exam (MME)

All 11th Grade students must take all components of the MME as a requirement for graduation from the Kalamazoo Public Schools.

MME is comprised of the SAT with Essay and M-STEP Science and Social Studies (online).

Earning/Making Up Required Credits

Students are required to pass all core academic courses. Students who fail a course (required for graduation) must make up the course through credit recovery options.

Required Credits and Course Options
Michigan Merit Curriculum (MMC)

English See pages 74-83 for course descriptions	Health See page 91 for course descriptions
<p>Four (4.0) credits are required to meet the MMC for graduation:</p> <p>English 9 or Honors English 9 English 10 or Honors English 10 English 11 or Honors English 11 or AP English: Language & Composition</p> <p>Students must have an English experience in their final year of high school. Students must choose from the following courses to fulfill the fourth credit requirement for graduation.</p> <p>AP English: Language and Composition AP English: Literature and Composition Advanced Journalism College English English 12</p>	<p>A half (0.5) credit is required to meet the MMC for graduation.</p> <p>Health: A Wellness Approach</p> <p>Identified EFA courses also meet the Health requirement. See pages 64-70 for these courses.</p>
Mathematics See pages 93-99 for course descriptions	
<p>Four (4.0) credits are required to meet the MMC for graduation, including the following courses or demonstrated proficiency on SAT:</p> <p>Algebra I* Geometry Algebra II</p> <p>*KPS students who pass Algebra I in 8th grade will receive one (1.0) high school math credit. High school students who did not attend a KPS middle school, will need to take Algebra I in high school OR pass the test out exam OR score proficient on the SAT. See your counselor for details.</p> <p>Students have the opportunity to take Algebra II over three semesters for 1.5 math credits.</p> <p>Students must have a math experience in their final year of high school. Any math or math related elective courses will count towards fulfillment of the final year math experience:</p> <p>Additionally, identified CTE courses also meet the final year math requirement. See pages 52-63 for these courses.</p>	
Personal Finance See page 94 for course description	Physical Education See pages 104-106 for course descriptions
<p>A half (0.5) credit is required to meet the MMC for graduation:</p> <p>Personal Financial Literacy</p>	<p>A half (0.5) credit is required to meet the MMC for graduation.</p> <p>Health Lifestyles Through Aquatics Health Lifestyles Through Physical Activity Lifetime Sport and Physical Activity Recreational Team Sports</p> <p>Students are limited to no more than two (2) physical education courses during their freshman year.</p> <p>Physical education credit may be subject to a waiver. For more information, please contact your school counselor or dean of students.</p> <p>Additionally, identified EFA courses also meet physical education requirements. See pages 64-70 for these courses.</p>

Required Credits and Course Options
Michigan Merit Curriculum (MMC)

Science

See pages 107-111 for course descriptions

Three (3.0) credits are required to meet the MMC for graduation. Starting in the 2023-2024 school year, students must have successfully completed one semester in each of the following areas of science: Physical Science, Life Science, and Earth Science.

<u>Physical Science</u>	<u>Life Science</u>	<u>Earth Science</u>
AP Physics AP Chemistry Chemistry: Foundations Environmental Science Forensics Science A Honors Chemistry: Analytical Honors Chemistry: Organic Forensic Science A	AP Biology Biology: Cells, Evolution, and Biotechnology Biology: DNA, Energy, Pathways, and Ecology Forensics Science B	Astronomy Earth Science Environmental Science Geology

Students may also complete the third science credit required for graduation by electing any Career and Technical Education (CTE) course that is at least one credit. Please see pages 52-63 for CTE courses.

Social Studies

See pages 112-118 for course descriptions

Four (4.0) credits are required to meet the MMC for graduation, including the following required courses:

Economics
Government and Politics: United States **or** AP United States Government and Politics
United States History **or** AP U.S. History
World History

Students must earn an additional half (0.5) credit to fulfill the graduation requirement

World Languages

See pages 120-126 for course descriptions

Two (2.0) credits are required to meet the MMC for graduation. Students may earn their two (2.0) required credits in one of the following ways:

- 2.0 credits in a World Language course **OR**
- 1.0 credit in a World Language course and 1.0 credit for any course that meets the requirements for Visual, Performing and Applied Arts (VPAA) **or** any CTE course **OR**
- Attended a dual language or immersion program AND successfully passed the novice level exam for the language **OR**
- Successfully passes the novice level exam for any language

KPS students who passed Spanish I or Chinese I in 8th grade will receive one (1.0) World Language credit. Students who took Spanish in a non-KPS middle school must take and pass the test out exam for credit to be awarded.

Visual, Performing and Applied Arts

One (1.0) credit is required to meet the MMC for graduation. In addition to **all** Art (see pages 41-44) and Education for the Arts (see pages 64-70) courses, the following courses can meet this requirement:

Business Education	English	Family and Consumer Science	Music	Social Studies
Basic Marketing Business Information Systems B	Debate Drama I - Acting for the Stage Drama II - Acting for the Stage Forensics Journalism Literature through Films Public Speaking Slam Poetry: Writing and Performance Yearbook	Parenting	Concert Choir Advanced Musical Theatre Advanced Treble Chorus American Popular Music Concert Band Hawthorne Singers Master Singers Mixed Chorus Orchestra Symphonic Band Treble Chorus	African American Studies

Semesters

The Kalamazoo Public High Schools operate on a semester schedule. We believe the semester schedule will help students meet the graduation requirements of the Michigan Merit Curriculum and provide flexibility in meeting students needs. With the semester schedule, the year is divided into two, 18-week sessions. Grades are issued at the end of each semester.

Sample School Year on the Semester Schedule

Fall Semester: August - January (18 weeks)	Spring Semester: January - June (18 weeks)
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One-half (0.5) credit will be awarded for each semester (18-week) course that is passed successfully. Students shall be scheduled into seven courses per semester. Students can earn 3.5 credits per semester for two semesters per year resulting in (7.0) credits total per year. A total of 28 credits can be earned by the time a student graduates. Students need a minimum of 24 credits to graduate.

Sample Four-Year Plan on the Semester Schedule

		Fall Semester (18 weeks) August - January	Spring Semester (18 weeks) January - June
9th Grade earn 7.0 credits	1st 2nd 3rd 4th 5th 6th 7th	Algebra I 9 A English 9 A World Language I A Environmental Science World History A Elective Seminar	Algebra I 9 B English 9 B World Language I B Elective World History B Physical Education Seminar
10th Grade earn 7.0 credits	1st 2nd 3rd 4th 5th 6th 7th	Geometry A English 10 A World Language II A Biology A US History A Elective Seminar	Geometry B English 10 B World Language II B Biology B US History B Elective Seminar
14 credits cumulative			
11th Grade	1st 2nd 3rd 4th 5th 6th 7th	Algebra II A English 11 A Government & Politics A Science or Science Related A Economics Elective Seminar	Algebra II B English 11 B Government & Politics B Science or Science Related B Personal Finance Elective Seminar
21 credits cumulative			
12th Grade	1st 2nd 3rd 4th 5th 6th 7th	Final year math experience College English A Social Studies Elective Elective Elective Elective Seminar	College English B Elective Elective Elective Elective Elective Seminar
28 credits cumulative			

Making Up Credits for Failed Courses

Students are required to pass all core academic courses required for graduation.

Students who fail a core course required for graduation must retake the failed section. Based on availability, students will be rescheduled into the section that was failed. Summer School and other credit recovery options may also be available.

Addressing Failed Courses - Making Up Credits				
1st Semester		2nd Semester		1st Semester (New Year)
Geometry A	F	Geometry B Geometry A	C	Debate Geometry B C-

This example shows a student who failed the 'A' section of Geometry (a required course) during the first semester. Geometry A must be rescheduled before the student can enter the 'B' section. The schedule changes above show that Debate (an elective course) had to be dropped during the 1st semester of the new school year so the student could take the 'B' section of the required Geometry course.

Credit Recovery Options

Kalamazoo Public Schools is committed to supporting all students in achieving academic success. For students who have not met the requirements to earn credit in specific courses, credit recovery options are available to help them get back on track for graduation. These options include:

- **Online Credit Recovery Programs:** Self-paced, online courses designed to help students complete missed or failed courses.
- **Summer School:** A chance to retake courses during the summer to earn credit in a focused, condensed format.

Students are encouraged to speak with their school counselor to explore the most appropriate recovery options based on individual needs. These credit recovery options provide a flexible and supportive way for students to stay on track toward graduation.

Sample Semester Schedules

Freshman				
Period	Semester 1 FALL: August - January	Credits	Semester 2 SPRING: January - June	Credits
1	Algebra I A (.5)	0.5	Algebra I B (.5)	0.5
2	English 9 A or Honors 9 A	0.5	English 9 B or Honors English 9 B	0.5
3	World Language I A	0.5	World Language I B	0.5
4	Environmental Science A	0.5	Elective	0.5
	Lunch		Lunch	
5	World History A	0.5	World History B	0.5
6	Elective	0.5	Physical Education or Health	0.5
7	Seminar	0.5	Seminar	0.5
Semester 1 Total Credits		3.5	Semester 2 Total Credits	7
<div style="display: flex; justify-content: space-between;"> <ul style="list-style-type: none"> • Math • Science • English <ul style="list-style-type: none"> • Social Studies • Physical Education • World Language I <ul style="list-style-type: none"> • Electives </div>				
<p><u>SCHEDULING NOTE:</u> KAMSC: Freshman students who attend KAMSC will attend in the A.M. (8:00-10:17) and then return to their home school for their 4th, 5th, 6th, and 7th periods.</p>				

NOTES:

Sample Semester Schedules

Sophomore				
Period	Semester 1 FALL: August - January	Credits	Semester 2 SPRING: January - June	Credits
1	Geometry A	0.5	Geometry B	0.5
2	English 10 A or Honors 10 A	0.5	English 10 B or Honors English 10 B	0.5
3	World Language II A	0.5	World Language II B	0.5
4	Biology A	0.5	Biology B	0.5
	Lunch		Lunch	
5	US History A or AP US History A	0.5	US History B or AP US History B	0.5
6	Elective	0.5	Physical Education or Health	0.5
7	Seminar	0.5	Seminar	0.5
Semester 1 Total Credits		10.5	Semester 2 Total Credits	14
<div style="display: flex; justify-content: space-between;"> <ul style="list-style-type: none"> • Math • English • Social Studies <ul style="list-style-type: none"> • Health • World Language II <ul style="list-style-type: none"> • Electives </div>				
<p><u>SCHEDULING NOTE:</u> KAMSC: Sophomore students who attend KAMSC will attend in the A.M. (8:00-10:17) and then return to their home school for their 4th, 5th, 6th, and 7th periods.</p> <p>AP (Advanced Placement) courses meet for a full year (2 semesters) for 1.0 credit value (0.5 per semester).</p>				

NOTES:

Sample Semester Schedules

Junior				
Period	Semester 1 FALL: August - January	Credits	Semester 2 SPRING: January - June	Credits
1	Algebra II A	0.5	Algebra II B	0.5
2	English 11 A or Honors English 11 A or AP English Literature	0.5	English 11 B or Honors English 11 B or AP English Literature	0.5
3	Government & Politics A	0.5	Government & Politics B	0.5
4	Science Elective	0.5	Science Elective	0.5
	Lunch		Lunch	
5	Elective	0.5	Personal Finance	0.5
6	Elective	0.5	Elective	0.5
7	Seminar	0.5	Seminar	0.5
Semester 1 Total Credits		17.5	Semester 2 Total Credits	21
<div> <div>• Math</div> <div>• Science</div> </div> <div> <div>• English</div> <div>• Social Studies</div> </div> <div> <div>• Economics</div> <div>• Electives</div> </div>				
<p>SCHEDULING NOTE KAMSC students: Juniors attend their regular schedule at their home school in the A.M. (3 periods) and KAMSC in the P.M. (11:30 - 2:00). AP (Advanced Placement) courses meet for a full year (2 semesters) for 1.0 credit value (0.5 per semester).</p>				

NOTES:

Sample Semester Schedules

Senior				
Period	Semester 1 FALL: August - January	Credits	Semester 2 SPRING: January - June	Credits
1	College English or English 12 A or Honors English 12 A	0.5	College English or English 12 B or Honors English 12 B	0.5
2	Social Studies Elective	0.5	Fine Arts or Other Elective B	0.5
3	Final year math experience	0.5	Economics	0.5
4	Fine Arts or Other Elective A	0.5	Elective	0.5
	Lunch		Lunch	
5	Elective	0.5	Elective	0.5
6	Elective	0.5	Elective	0.5
7	Seminar	0.5	Seminar	0.5
Total Semester 1 Credits		24.5	Total Semester 2 Credits	28
<div> <div>• Math</div> <div>• English</div> </div> <div> <div>• Science</div> <div>• Fine Arts</div> </div> <div> <div>• Social Studies Elective</div> <div>• Electives</div> </div>				
<p>SCHEDULING NOTES</p> <p>KAMSC students: Seniors attend their regular schedule at their home school in the A.M. (3 periods) and KAMSC in the P.M. (11:30 - 2:00).</p> <p>AP (Advanced Placement) courses meet for a full year (2 semesters) for 1.0 credit value (0.5 per semester).</p> <p>Some CTE and EFA courses are double-periods. This sample schedule allows for students to attend CTE and EFA double-period classes in the morning. This schedule is also flexible enough to allow for dual enrollment or work-experience programs.</p>				

NOTES:

Sample Semester Schedules

Kalamazoo Area Math and Science Center

FRESHMAN AND SOPHOMORE									
KAMSC Class Times		@ KAMSC 8:00 - 10:27			10:27-10:50	10:50 - 11:35	11:40-12:30	12:35-1:25	1:30-2:20
Period		1st Period	2nd Period	3rd Period	4th Period		5th Period	6th Period	7th Period
KPS Class Times		7:30 - 8:20	8:25 - 9:15	9:20 - 10:10	10:45-11:35		11:40 - 12:30	12:35 - 1:25	1:30 - 2:20
1	FALL August - January	Math (0.5)	Science (0.5)	Elective (0.5)	Travel Lunch Seminar (0.5)		World Language A (0.5)	English A or Honors English A (0.5)	Social Studies A (0.5)
2	SPRING January - June	Math (0.5)	Science (0.5)	Elective (0.5)			World Language B (0.5)	English B or Honors English B (0.5)	Social Studies B (0.5)
7.0 credits per year Additional Requirements: physical education, health, fine arts, and College and Career Readiness									

JUNIOR AND SENIOR								
KAMSC Class Times		8:00 - 10:27			11:10 - 11:30 Lunch & Travel	@ KAMSC 11:30-2:00		
Period		1st Period	2nd Period	3rd Period	4th Period	5th Period	6th Period	7th Period
KPS Class Times		7:30 - 8:20	8:25 - 9:15	9:20 - 10:10	10:45-11:35	11:40 - 12:30	12:35 - 1:25	1:30 - 2:20
1	FALL August - January	English A or Honors English A or AP English or Elective (0.5)	Social Studies A (0.5)	Elective (0.5)	Travel Lunch Seminar (0.5)	Math (0.5)	Science (0.5)	Elective (0.5)
2	SPRING January - June	English B or Honors English B or AP English or Elective (0.5)	Social Studies B (0.5)	Elective (0.5)		Math (0.5)	Science (0.5)	Elective (0.5)
7.0 credits per year KAMSC seniors have an opportunity (though limited) for extended day classes (6 th Period: 2:05 – 3:05 p.m.) and could earn an additional one (1.0) credit during their senior year (8.5 credits) Geology (0.5) (September – January) Astronomy (0.5) (February – June)								

Career Launch Kalamazoo (CLK)

Pre-Apprenticeship and Apprenticeship Program

Apprenticeships are flexible training programs that cultivate well-educated, highly skilled workers able to meet the demands of a competitive global economy. Youth apprenticeships are open to high school juniors, seniors and graduating seniors, giving them the opportunity to earn while they learn through paid on-the-job training under the direction of an industry mentor. Youth apprentices also take college classes that directly relate to their apprenticeship. The demands of the program are significant, but so are the rewards.

All KPS 11th and 12th grade students who are 16-18 years old are eligible for CLK! All education, training, and uniform costs will be paid. You can earn while you learn with wages starting at \$15 per hour. CLK is open to CTE and non-CTE students.

Pre-apprenticeships and apprenticeships are available in Healthcare, Information Technology (IT) and Manufacturing. Students will work several hours a week on a flexible schedule with competitive wages. The training component of the pre-apprenticeship and the apprenticeship will be provided at local companies by the employer. Metro cards will be available to students who have transportation needs.

Earn College Credit and Industry Based Certification

Students will earn high in-demand and industry-recognized credentials in critical career areas while still in high school. You can leverage The Kalamazoo Promise by continuing to build skills and credentials through continued education. Training options are available to transfer to a 4-year university depending on the program. The educational component of the pre-apprenticeship and apprenticeship will be at KVCC and/or other local educational institutions.

Your high school schedule may have to be adjusted to accommodate the college courses you will be taking at KVCC or other educational training facilities. Youth apprentices usually take high school classes in the morning and their KVCC classes in the afternoons or evenings. Your high school counselor will work with you to ensure you meet all of your academic goals and that you are on track to graduate with your high school diploma.

Fast-Track Your Secondary Education

Students entering into an apprenticeship program must make a 2, 3, or 4-year commitment through credential completion.

Students who are interested in CLK should contact their school counselor to review their Educational Development Plan (EDP), career goals, and to plan their schedule. Student schedules will include dual enrollment courses. Student selection for CLK is made every year in the spring for summer and fall placement with employers. Placement is not guaranteed.

All students accepted into the CLK program must attend a paid 2-day Aspiring Apprenticeship Academy in the summer to receive mentoring, life skills, and workplace employability training geared towards preparing students for a successful transition into postsecondary education and the workplace.



Graduation Checklist

Student Name:		ID #:	Course Pathway:
Educational Plans: <input type="checkbox"/> Four Year College/University <input type="checkbox"/> Community College <input type="checkbox"/> Technical School <input type="checkbox"/> Tech Prep			
Subject	# of Credits	Check as Completed	
College/ Career Readiness	0.5	<input type="checkbox"/> College and Career Readiness	
English <i>Refer to page 9 for requirements and options</i>	4.0	<input type="checkbox"/> English 9 or Honors English 9 <input type="checkbox"/> English 10 or Honors English 10 <input type="checkbox"/> English 11 or Honors English 11 or AP Language and Composition <input type="checkbox"/> English 12 (additional options below): <input type="checkbox"/> AP English: Language and Composition <input type="checkbox"/> AP English: Literature and Composition <input type="checkbox"/> Advanced Journalism <input type="checkbox"/> College English	
Health	0.5	<input type="checkbox"/> Health: A Wellness Approach <input type="checkbox"/> Healthy Lifestyles Through Physical Activity <input type="checkbox"/> Health Lifestyles Through Aquatics	
Math <i>Refer to page 9 for requirements and options</i>	4.0	<input type="checkbox"/> Algebra I <input type="checkbox"/> Geometry <input type="checkbox"/> Algebra II <input type="checkbox"/> _____ <i>Final year math experience (see page 9 for options)</i>	
Personal Finance	0.5	<input type="checkbox"/> Personal Financial Literacy	
Physical Education	0.5	<input type="checkbox"/> _____ OR <input type="checkbox"/> _____ <i>Other approved courses see page 9 for options</i>	
Science <i>Refer to page 9 for requirements and options</i>	3.0	<input type="checkbox"/> Physical Science Course <input type="checkbox"/> Life Science Course <input type="checkbox"/> Earth Science Course <input type="checkbox"/> Additional Science <input type="checkbox"/> _____ <i>3rd Science or Science-related credit See page 10 for options</i>	
Social Studies	4.0	<input type="checkbox"/> World History or AP World History <input type="checkbox"/> U.S. History or AP U.S. History <input type="checkbox"/> Government or AP U.S. Government <input type="checkbox"/> Economics <input type="checkbox"/> _____ <i>Social Studies elective (0.5) See pages 115-116</i>	
Visual, Performing, Applied Arts	1.0	<input type="checkbox"/> _____ Course/s Refer to page 10 for options	
World Languages <i>Refer to page for details</i>	2.0	<input type="checkbox"/> _____ Chinese, French, Latin, Spanish <input type="checkbox"/> _____ <i>**World Language course (or substitute) Refer to page 10 for options</i>	
Electives	4.0	_____ _____ _____ _____	

ADDITIONAL REQUIREMENTS

Completion of all components of the MME is required for graduation:

- College Board SAT w/Essay
- M-STEP Science & Social Studies

[Click here for a fillable version](#)

The Kalamazoo Promise

INTENT

To provide each Kalamazoo Public Schools graduate with the opportunity to attend post-secondary education with up to a 100% tuition scholarship.

ELIGIBILITY

All students who graduate from the Kalamazoo Public Schools, reside in the district, and have been a KPS student since at least the ninth grade are eligible. Enrollment and residency must be continuous.

QUALIFICATIONS

The student must . . .

- 1) graduate from a Kalamazoo Public Schools high school (Kalamazoo Central, Loy Norrix, Phoenix High School, or the Kalamazoo Innovative Learning Program).
- 2) be admitted to, and enrolled at, any participating public or private State of Michigan college, university or community college, and
 - a. make regular progress toward a degree or certification,
 - b. maintain a 2.0 grade point average (GPA) at the post-secondary institution. *If the GPA drops below 2.0, a student may be reinstated if he/she is able to bring the GPA back to at least a 2.0, and*
 - c. complete a minimum of 12 credit hours.

TERMS OF SCHOLARSHIP

This scholarship program provides up to four (4) years of tuition and mandatory fees for post-secondary education (per the scale below). The student must be a full-time student, taking a minimum of 12 credit hours per semester (KVCC students may attend on a part-time basis). Individual summer school classes will be covered as long as the class applies toward the degree or certification program in which the student is enrolled and is taken at their designated school of choice. The post-secondary education must be completed within ten years of the date of high school graduation. Exceptions to this requirement are granted for military service.

ELIGIBLE POST-SECONDARY INSTITUTIONS

Any public or private **State of Michigan** college, university, or community college

EXTENT OF BENEFITS

The tuition benefit will be awarded on the basis of continuous length of attendance and residency in the Kalamazoo Public School system.

Additional information is available at www.kalamazoopromise.com

Length of Attendance Benefit		
K-12	.....	100%
1-12	.....	95%
2-12	.....	95%
3-12	.....	95%
4-12	.....	90%
5-12	.....	85%
6-12	.....	80%
7-12	.....	75%
8-12	.....	70%
9-12	.....	65%
10-12	.....	none
11-12	.....	none
12-12	.....	none



College Preparation

Educational Development Plan (EDP)

One component of career planning is the Educational Development Plan (EDP). EDPs are planning tools used by students to put into writing their education and career goals, including strategies and high school courses, to help them reach their goals. EDPs are “living” documents that are updated as interests and abilities become more obvious and focused. Parents and students should review EDPs on a regular basis. That is easy to do on the Xello career and college exploration platform. Students can access Xello through their Clever account.

Your future, Your Path – Use these helpful resources to plan your college and career goals.

Jumpstart Your College Planning

It's amazing, but decisions you make as early as 8th grade have a huge effect on your college career. They can affect how soon you'll go to college, what type of college you'll attend, and even whether you will go to college at all.

Get Involved

Getting ready for college isn't all work. Find something you really enjoy doing, and then dive into it. Maybe you're drawn to sports, student council, music, art, etc. You'll develop skills and show colleges your ability to make a commitment and stick with it.

Take Challenging Courses

Colleges do look at your grades, but they also pay attention to how difficult your courses are. They want to see that you've challenged yourself.

Read

Read at least 30 minutes every day, beyond study and homework. People who read more know more! And when you take the ACT and SAT tests, the time you put into reading will really pay off.

Prepare for College Entrance Exams

Most students take the ACT or SAT in their junior year. Be sure you're taking the solid math and other courses that will get you ready. Talk to your counselor to make sure you're on track.

Get the College-Bound Facts

How can you find out about college admissions, work and campus life? Ask someone who's done it, such as a family member or college students who went to your high school. Get to know your counselors. Ask a career planner at a local college or a teacher. Do Web research.

Involve Your Family and Find a Mentor

When parents or guardians haven't been to college themselves, they may think they can't help you. That's not true. They can talk to counselors and help you stay on the right path. Look for adults who can lend their enthusiasm and help you succeed at your goals.

Xello College and Career Planning Exploration Tool: All secondary KPS students have access to Xello through Clever for college and career planning. Students can create and update their Educational Development Plan (EDP), a living document of their career goals and related action plans aligned with their changing interests and abilities. Using the College Planning tool, students can research schools they are interested in, build a plan, and then track the action items, deadlines, application process, and admission decision through the Common App integration.

collegeboard.com - College Board provides information on college board tests and planning, finding, applying, and paying for college. Students can also access BigFuture, a career and college exploration program to help them explore postsecondary options and plan for college.

commonblackcollegeapp.com - Common Black Common App allows students to complete one college application that is sent to 65 Historical Black Colleges and Universities. KPS students can also access this information through Xello. Students can contact their counselor to receive a code that covers the application fee.

thecollegeexpo.org - National College Resources Foundation serves underserved, underrepresented, at risk, low resource, homeless and foster students who are interested in attending college. Students can access information on the steps to plan for college, internships, scholarships, careers, financial aid, college tours, and other helpful resources.

Michigan.gov - Planning for College Guidebook includes information on planning, applying for college, including financial resources to assist with affording college in Michigan.

Michigan.gov/mistudentaid - Michigan Student Aid provides resources on how to help pay for college including scholarships, fellowships, and FAFSA. Students can also learn about the Michigan Future Educator Program that provides stipend support for aspiring teachers to become educators in Michigan. Students interested in becoming a teacher should contact their counselor about Teach Kalamazoo.

micollegeaccess.org - Michigan College Access Network (MCAN) aims to help students access and attain college certificates and degrees so they can set and achieve a lifetime of their own goals, both economically and intellectually. MCAN provide students with a brighter long-term future through college access and postsecondary certificate and degree attainment.

mcca.org - Michigan Community College Association (MCCA) focuses on increasing degree completion, transfer, and student success. Students can access resources on academic support, workforce development, basic needs, and financial wellness.

macrao.org - Michigan Association of Collegiate Registrars and Admissions Officers provides links to Michigan college home pages, online admission applications, and a calendar of high school college nights.

College Entrance Exams

Extracurricular Activities

... Life Outside the Classroom

Colleges Care!

The good news is that colleges pay attention to your life inside *and* outside the classroom. Yes, your academics probably come first, but your activities reveal a great deal about you, such as:

- how you've made a meaningful contribution to something
- what your non-academic interests are
- whether you can maintain a long-term commitment
- whether you can manage your time and priorities
- what diversity you bring to the student body

Maintaining a Balance

Keep in mind colleges are not interested in seeing you “do it all.” Colleges are looking for a commitment to, and a passion for, an activity outside of the academic setting – they are looking for depth rather than breadth. Colleges don't have a checklist of requirements when it comes to extracurricular activities – they want to see your individuality – and your consistent commitment.

Getting Involved

Many school, community, and religious organizations give you a chance to explore your interests and talents. If you haven't felt drawn to something yet, there is no shortage of opportunities for you to explore. For example:

School Activities

Find something you like to do and stick with it. If you are interested (and have extra time), try to excel in more than one area. For example, write for the school paper *and* volunteer. But make sure you are giving your all to each activity, and most importantly, to your school work.

Community Service

You can gain skills and experience through volunteer work, such as by tutoring elementary school kids, or spending time at a local hospital. Your counselor may be able to suggest local agencies in which you can volunteer.

Work Experience

Paid or volunteer, year-round or summer, work experience can help you identify career interests and goals and apply classroom learning to the real world. It is also a great way to earn money! Consider arranging for an internship or to shadow someone at his or her job.

The ACT and SAT . . .

Admission to college is usually based upon a combination of factors which include: Grade Point Average (GPA), class rank, and national test results. The common tests taken are the SAT and/or ACT (usually taken during a student's junior or senior year).

- Most 4-year colleges require the SAT and/or ACT
- Many community colleges do not require the SAT/ACT

The SAT is one component of the MME. There is no cost to 11th grade students who take the SAT as part of the MME on the scheduled day in April. All high school students may take or retake the SAT at their own expense on any of the national testing dates listed below. Your counselor can provide you with specific information or visit the websites listed below:

ACT: www.act.org

SAT: www.collegeboard.org

There is a fee for taking the National ACT or SAT exams, and advanced registration is required. Fee waivers may be available for qualifying students. Please see the counseling office. Fee waivers may be available for qualifying students. Please see the counseling office.

ACT/SAT National Test Dates • Advanced Registration is Required • Anticipated Dates for 2025-2026	
ACT	SAT
September 6, 2025	August 23, 2025
October 25, 2025	September 13, 2025
Dec 6, 2025	October 4, 2025
Feb 6, 2026	November 8, 2025
April 10, 2026	December 6, 2025
June 6, 2026	March 14, 2026
July 11, 2026	May 2, 2026
	June 6, 2026

College Financing – The Financial Aid Process

Selecting a College/University That's Right for You

- Always visit the college campus - take a tour!
Walking the campus will give you a feel for the environment, which is important (as you may very well be living there for four or more years). Bring a family member.
- Just because you may have heard of a school's "reputation" does not mean it is or is not a good fit for you.
- Investigate two or three colleges that you may know nothing about but offer good programs in your field of interest. You may make a great discovery.
- Speak with the advisors. Learn about your program:
 - How long will it take?
 - Is the program accredited?
- Do not choose a college simply because you have friends who go there.
- Do not rule out colleges because of cost. You may be able to receive enough funds to make it affordable. You can make this determination at the end of the college selection process.
- Meet ALL of the deadlines!
 - College applications
 - ACT/SAT tests/retests
 - Financial Aid
 - Scholarships
 - Campus housing
- Apply to a "reach" school (one you hope to get into) and a school you'll most likely be admitted to (safety college).
- To make a final choice, discuss with family members, school counselors, college advisors, athletic coaches, etc.

Kalamazoo Promise Students:

- Fill out the application during the fall of your senior year.
- After submission you will receive a certificate indicating the amount of scholarship for which you qualify.
- After deciding on a college, fill out the scholarship acceptance form. This form is an agreement between the student and the Promise on what each party will do to maintain the scholarship.

All Students:

- Free Application for Federal Student Aid (FAFSA) must be filled out between October 1 and should be done before March 1. It will qualify you for scholarships, grants, work study programs, and loans.
- The Kalamazoo Foundation offers local scholarships (more easily obtained than competing statewide or nationally). Check it out at www.kalfound.org.
- Contact the colleges or universities of interest and speak with the financial advisors there and contact the department (intended major) to identify other scholarships and opportunities available specifically through the program.
- Volunteer in your community: service is a great qualifier for scholarships! Choose a means wherein you can learn more about your interests. Don't dabble in this and that, but really become involved in one or two organizations.

COLLEGES WILL BE MORE IMPRESSED BY RESPECTABLE GRADES IN CHALLENGING COURSES THAN BY OUTSTANDING GRADES IN EASY ONES.

If you're playing the GPA game and taking a light schedule that isn't challenging, it will catch up with you at the college level very quickly. One of the things admissions officers pay attention to, besides GPA, is course selection throughout high school and especially senior year. They like to see students have momentum going into their freshman year at college. If you sit back your senior year, it's hard to recapture that momentum.

Course selection can also affect admissions test scores. If you go for just a good GPA, you'll be less prepared for college and will score lower on entrance exams.

Advanced Placement (AP)

AP can change your life. Through college-level AP courses, you enter a universe of knowledge that might otherwise remain unexplored in high school. Through AP Exams, you have the opportunity to earn college credit or advanced standing at most of the nation's colleges and universities.

Why Participate?

AP courses offer something for everyone. The only requirements are a strong curiosity about the subject you plan to study and the willingness to work hard. Here are just a few reasons to take AP courses:

Gain the Edge in College Preparation

- Get a head start on college-level work.
- Improve your writing skills and sharpen your problem-solving techniques.
- Develop the study habits necessary for tackling rigorous course work.

Stand Out in the College Admissions Process

- Demonstrate your maturity and readiness for college.
- Show your willingness to push yourself to the limit.
- Emphasize your commitment to academic excellence.

Broaden Your Intellectual Horizons

- Explore the world from a variety of perspectives, most importantly, your own.
- Study subjects in greater depth and detail.
- Assume the responsibility of reasoning, analyzing, and understanding for yourself.

The following AP courses are available to KPS students:

- AP African American Studies
- AP Art History
- AP Biology
- AP Calculus AB
- AP Chemistry
- AP English Language & Composition
- AP English Literature & Composition
- AP European History
- AP French Language & Culture
- AP Latin
- AP Physics I
- AP Precalculus
- AP Psychology
- AP Spanish Language & Culture
- AP Statistics
- AP Studio Art Portfolio
- AP United States History
- AP World History
- AP U.S. Government & Politics
- AP Comparative Government & Politics

AP courses provide an opportunity to earn college-level credit [C] while enrolled in high school by taking the AP exam. All students enrolled in an AP course will be required to take the related AP exam in May. AP courses follow guidelines as suggested by The College Board.

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester. A packet with detailed course information is available in the office.

Advanced Placement courses are intended for students in grades 10-12.

Weighted Grades [W]

All AP courses, Academically Talented Youth Program (ATYP) courses, and college-level KAMSC courses have been designated as 'weighted.' Students' grades are not altered, but the point value (quality point) is increased and is reflected in a student's GPA and class rank and appears on the student's transcript.

Weighted Grade Values			
Letter Grade	Percent	Standard	Quality Points Weighted
A	93-100	4.0	5.0
A-	90-92	3.7	4.7
B+	87-89	3.3	4.3
B	83-86	3.0	4.0
B-	80-82	2.7	3.7
C+	77-79	2.3	3.3
C	73-76	2.0	3.0
C-	70-72	1.7	2.7
D+	67-69	1.3	2.3
D	63-66	1.0	2.0
D-	60-62	0.7	1.7
F	0-59	0	0

The following KAMSC courses have **weighted grade values**:

- Advanced Calculus
- Advanced Computer Science A
- Advanced Physics C - Mechanics
- Advanced Physics C - E & M
- AP Chemistry
- AP Calculus BC
- AP Computer Science
- AP Environmental Science
- AP Statistics
- Astronomy
- Biochemistry
- Bio-Medical Science
- Cell Biology
- Complex Variables
- Differential Equations
- Discrete Mathematics
- Geology
- Human Genetics
- KAMSC Integrated Math III/Pre-Calc
- Materials Science
- Microbiology
- Organic Chemistry
- Zoology

Test Out Exams

Testing Out

Testing out of a class can provide a student the opportunity to move into more challenging advanced classes, including college dual enrollment, at a quicker pace. Students interested in testing out should be self-directed learners capable of demonstrating an understanding of the subject area content expectations in the course for which they wish to test out.

In some instances, students may test out of either the A or B sections or the entire course. The student must score at least 70% or better on the district designated test in order to test out and receive credit. The testing out credit will appear on the transcript and will count towards the total number of credits needed for graduation. However, the score does not translate into a grade, and is not part of the GPA calculation for any purpose.

When considering the test out option, students need to consider the following: 1) the effect on their GPA calculation (this may mean NOT including a potentially high grade in the GPA; 2) NCAA requirements; and 3) other college admission considerations.

See your counselor to inquire about your test out options, test schedule, and/or to register for an exam.

National Collegiate Athletic Association (NCAA)

If you are planning to enroll in college as a freshman and wish to participate in Division I or Division II athletics, you must be certified by the NCAA Initial Eligibility Center. The Eligibility Center ensures consistent application of NCAA initial-eligibility requirements for all prospective student athletes to all member institutions. As early as your freshman year in high school, it is important that you visit the NCAA website (www.ncaa.org) for detailed information and to register.

Your Responsibility as a Prospective Student Athlete:

It is your responsibility to make sure the Eligibility Center has the documents it needs to certify you. These documents are:

- Completed and signed Student Release Form and registration form
- Completed transcript mailed directly from every high school you have attended
- ACT and/or SAT scores
- Foreign Student Application (if applicable).

To be certified by the Eligibility Center, you must:

Graduate from High School

You should apply for certification if you are sure you wish to participate in athletics as a freshman in the college to which you will be admitted. The Eligibility Center will issue a preliminary certification report when you have had all your materials submitted. After you graduate, if your eligibility information is requested by a member institution, the Eligibility Center will review your final transcript to make a final certification decision according to standards.

ACT and SAT Testing

You must meet all academic requirements and earn an SAT or ACT score matching your core-course GPA on a sliding scale to be eligible to compete. The sliding scale will balance your test score with your GPA. If you have a low test score, you will need a higher GPA. If you have a low GPA, you will need a higher test score. Visit the NCAA website and work with your school counselor to determine your eligibility requirements.

Have a GPA of at least 2.3

Earn a Grade Point Average (GPA) on a 4.0 scale of at least 2.3 in a core curriculum of at least 16 (or 14 for Division II) academic courses which were successfully completed during grades 9 through 12. Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA. No special values are allowed for "=" or "-" grades.

The standards maintain 16 core courses passed, **but 10 of those 16 courses must be completed by the START of the student-athlete's senior year of high school.**

Possible Course Pathways in Science

	Medical Science	Environmental Science	Engineering	Citizen Science	Criminal Justice	Computer Science
Associated Careers	Physician, Nurse, Medical Technician, Veterinary Medicine, Biomedical Scientist, EMTs, Physical Therapist, Radiologists, Sports Medicine	Landscaping, Environmental Engineer, Biologist, Forester, Geologist, Pharmacist, Laboratory Technician, Chemist	Mechanical Engineer, Electrical Engineer, Electrician, Architect, Manufacturing, Construction Trades, Plumber, Welder, Heating and Cooling Technician	Entrepreneur, Business Owner, Artist, Politician, Communications, Hospitality, Culinary Arts, Barbering, Cosmetology, Human Resources	Lawyer, Police Officer, Fire Fighter, Conservation Officer, Detective, Security Guard, Health and Safety Officer	Technology Specialist, Software Developer, Web Design, Computer Engineer, Systems Analyst, Computer Programmer, Game Developer
Freshman	Environmental Science A, Environmental Science B, Biology A	Environmental Science A, Environmental Science B	Environmental Science A, Environmental Science B, Biology A	Environmental Science A, Environmental Science B	Environmental Science A, Environmental Science B	Environmental Science A, Environmental Science B, Biology A
Sophomore	Biology B Chemistry: Foundations	Biology A, Biology B or Earth Science A	Physics A, Physics B	Biology A, Biology B or Earth Science A	Biology A, Biology B	Biology B, Physics A & B
Junior	AP Biology or AP Honors Chemistry: Analytical or Organic Anatomy and Physiology A & B	Earth Science B, Chemistry: Foundations, Honors Chemistry: Organic	Chemistry: Foundations, CTE Elective or AP Physics	Any Science Electives (2 semesters)	Chemistry: Foundations or Forensic Science A, Forensic Science B	AP Physics or Science Elective
Senior	AP Biology or AP Chemistry or Anatomy and Physiology A & B or CTE Elective	AP Chemistry, AP Biology, Geology or CTE elective	Honors Chemistry: Analytical or CTE elective	Optional Science Elective or CTE Elective	Anatomy and Physiology A & B, or CTE Elective	Computer Science (Eligible for Algebra 2 credit) or CTE Elective
CTE Courses	Agriscience: Animals and Plants, Emergency Medical Technician (EMT), Health Science, Veterinary Science, Fundamentals of Health Science, Certified Nurse Assistant, Dental Assistant	Conservation Biology, Construction Trades	Automotive Technology, Aviation Technology, Computerized Manufacturing, Construction Trades, Electrical Technology, Electronics and Robotics, HVAC, Welding Trades	Art and Design, Cosmetology/ Barbering, Culinary Arts, Furniture and Cabinetry, Parenting and Child Development, Teacher Academy	Emergency Medical Technician (EMT), Law Enforcement	Computer Science/Software Engineering, Cybersecurity, Electrical Technology, Electronics and Robotics, Information Technology

Possible Course Pathways in Math						
	Medical Fields	Science Fields	Engineering	Math Literate Citizen	Public Safety	Computer Science
Associated Career Examples	Physician, Nurse, Medical Technician, Veterinary Medicine, Biomedical Scientist, EMTs, Physical Therapist, Radiologists, Sports Medicine	Landscaping, Environmental Engineer, Biologist, Forester, Geologist, Pharmacist, Laboratory Technician, Chemist	Mechanical Engineer, Electrical Engineer, Electrician, Architect, Manufacturing, Construction Trades, Plumber, Welder, Heating and Cooling Technician	Entrepreneur, Business Owner, Artist, Politician, Communications, Hospitality, Culinary Arts, Barbering, Cosmetology, Human Resources	Lawyer, Police Officer, Fire Fighter, Conservation Officer, Detective, Security Guard, Health and Safety Officer	Technology Specialist, Software Developer, Web Design, Computer Engineer, Systems Analyst, Computer Programmer, Game Developer
8th Grade or Freshman	Algebra	Algebra	Algebra	Algebra	Algebra	Algebra
Freshman or Sophomore	Geometry	Geometry	Geometry	Geometry	<i>Geometry</i>	Geometry
Sophomore or Junior	Algebra 2 A & B	Algebra 2A & B or Algebra 2A and Statistics	Algebra 2A & B or CTE course	Algebra 2A & Statistics or Algebra 2A Part 1 & 2	Algebra 2A & Statistics or Algebra 2A Part 1 & 2	Algebra 2 A & B
Junior or Senior	Precalculus or Statistics	Statistics or Discrete Math or Precalculus or Math Elective	Precalculus or Statistics or CTE Course, or Math Elective	Personal Financial Literacy, or Math Elective	Algebra 2B Part 1 and 2, or Personal Financial Literacy, or Statistics	Discrete Math or Math Elective
Senior	AP Calculus or AP Statistics	Ap Calculus or AP Statistics	AP Calculus	CTE Course or Math Elective	AP Statistics or Math Elective	CTE Credit <u>AP Computer Science</u>
CTE Courses	Agriscience: Animals and Plants, Emergency Medical Technician (EMT), Health Science, Veterinary Science, Fundamentals of Health Science, Certified Nurse Assistant, Dental Assistant	Conservation Biology, Construction Trades	Automotive Technology, Aviation Technology, Computerized Manufacturing, Construction Trades, Electrical Technology, Electronics and Robotics, HVAC, Welding Trades	Art and Design, Cosmetology/Bar b-ering, Culinary Arts, Furniture and Cabinetry, Parenting and Child Development, Teacher Academy	Emergency Medical Technician (EMT), Law Enforcement,	Computer Science/Software Engineering, Cybersecurity, Electrical Technology, Electronics and Robotics, Information Technology

KPS Career Pathways Connections

Career Pathways are broad groupings of careers that share similar characteristics and whose employment requirements call for many common interests, strengths, and competencies. The six Career Pathways covers all career opportunities regardless of educational requirements. National Career Clusters represents a distinct grouping of occupations and industries based on the knowledge and skills they require. The 16 Career Clusters (17 for Michigan [Energy]) were developed by the U.S. Department of Education as a way to organize career planning. KPS secondary students can learn more about career awareness, exploration, and development and postsecondary options by accessing Career Cruising on the KPS Homepage under Links>Students/Family>Career Cruising. Students can login with their student Gmail account. Students can also visit Pure Michigan Talent Connect at www.mtalent.org, Michigan Pathfinder at www.pathfinder.mtalent.org, and the Bureau of Labor Statistics' Occupational Outlook Handbook at www.bls.gov/oonh to find additional career information on hundreds of occupations.

STATE CAREER PATHWAY		NATIONAL CAREER CLUSTERS	RECOMMENDED HIGH SCHOOL COURSES
Arts & Communications	Is This Career Pathway for YOU?	Arts, AV Technology & Communications	English Language Arts Math Creative Writing Journalism Graphic Arts Visual, Performing, and Applied Arts Courses Architectural Drafting and Design Sports and Entertainment Mgmt. Photography Film and Video Arts Dance Fashion Design Public Speaking World Languages (Also see AP, EFA, CTE, and EMC course listings)
Careers in this path are related to the humanities and performing, visual, literary, and media arts. These include architecture; graphic, interior, and fashion design; writing; film; fine arts; journalism; languages; media; advertising; and public relations	<p><i>Are you a creative thinker? Are you imaginative, innovative, and original? Do you like to communicate ideas? Do you like making crafts, drawing, playing a musical instrument, taking photos, or writing stories? Are you interested in working in television, film, or radio? Do you like to perform or interpret music? Does computer graphics or computer animation interest you? Do you have a talent for writing? Are you visually oriented? Is artistic expression important to you?</i></p> <p>This may be the career path for YOU!</p> <p>-Michigan Department of Education</p>	Career Categories Advertising and Public Relations Creative Writing Film Production Foreign Languages Journalism Radio and TV Broadcasting Fashion Design Interior Design	
Sample Pathway Choices	SAMPLE CAREERS	Sample College Programs of Study	
AV Technology and Film Print Technology Visual and Performing Arts Journalism and Publishing Broadcasting and Communications Telecommunications Architecture Design and Visual Communications Communications and Public Relations Music and Dance Theatre Arts Library Science Fashion and Design Producers and Directors	<ul style="list-style-type: none"> • Actor/Actress • Animator • Architect • Art Director • Audio Designer • Comedian • Commercial Artist • Composer • Dancer • Fashion Designer • Film Producer • Interior Designer • Journalist • Makeup Artist • Media Buyer • Movie Director • Musician • Network Designer • Playwright • Production Manager • Public Relations Ex. • Radio Broadcaster • Reporter • Singer • Sports Commentator • Web Designer 	Fine Arts and Studio Arts Music Industry Management New Media Printing and Publishing Television and Digital Media Art Communications Digital Animation and Game Design Digital Media Software Engineering Graphic Design Broadcasting Journalism Theatre Animation Film & Video Production Arts Interior Design Video Game Developer	Sports Communication Political Communication Communications Technology Publishing Commercial Advertising Advertising Public Relations Visual and Performing Arts Architecture Musicology and Ethnomusicology Dance Musical Playwright and Screenwriting Drama and Dramatics Theatre

Arts & Communications

STATE CAREER PATHWAY		NATIONAL CAREER CLUSTERS	RECOMMENDED HIGH SCHOOL COURSES
Business, Management, Marketing & Technology Careers in this path are related to the business environment. These include entrepreneur, sales, marketing, computer/information systems, finance, accounting, personnel economics, and management.	Is This Career Path for YOU? <i>Do you enjoy being a leader, organizing people, planning activities, and talking? Do you like to work with numbers or ideas? Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly? Would you enjoy balancing a checkbook, following the stock market, holding an office in a club, or surfing the Internet? Do you enjoy travel? Do you enjoy dining in restaurants? Do you like to cook? Do you enjoy working with computers? Do you like to learn new computer programs easily? Are you fascinated by technology?</i> <i>This may be YOUR career path!</i> - Michigan Department of Education	Business Management and Administration Finance Hospitality and Tourism Information Technology Marketing Sales & Services Career Categories Accounting Business Ownership Computer/Information Systems Economics Finance Hospitality/Tourism Mgmt. Marketing Office Administration Personnel Sales	Accounting Business Finance Business Information Systems Business Law Computer Applications Computer Science Consumer Education Creative Writing Economics English Language Arts Entrepreneurship International Business Link Crew Leadership Marketing Math Social Studies Sports and Entertainment Mgmt. World Languages (Also see AP, CTE, and EMC course listings)
Sample Pathway Choices Banking & Related Services Business Analysis Buying and Merchandising Business Finance and Accounting Mgmt. Cyber Security E-Marketing Financial & Investment Services Human Resources Information Support and Services Insurance Services Interactive Media Management & Entrepreneurship Marketing & Communications Network Systems Professional Sales & Marketing Programming and Software Development Restaurant and Food/Beverage Services Travel & Tourism	SAMPLE CAREERS <ul style="list-style-type: none"> • Accountant • Administrative Assistant • Auditor • Budget Director • Business Teacher • Chef • Commerce Marketing Manager • Computer Programmer • Convention Manager • Data Analyst • Data Architect • Digital Media Specialist • e Business Consultant • Economist • Financial Manager • Gaming Developer • Hotel Manager • Human Resources Manager • Information Systems Manager • Investment Banker • Legal Secretary • Loan Officer • Management Analyst • Marketing Specialist • Network Administrator • Network Technician • Payroll Director • Research Analyst • Receptionist • Realtor • Salesperson • Software Engineer • Statistician • Technical Writer • Travel Agent • Web Administrator • Web Developer 	Sample College Programs of Study Business Statistics International Marketing Marketing Research Management Science Construction Management Operations Hospitality Administration Hospitality Computer Software Technology Organizational Communication Programming Agribusiness Global Supply Chain Management Business Information Systems Business Communications Bioinformatics Administrative and Secretarial Services Transportation Mobility Management	Information Technology Accounting Intellectual Property Law Advertising Sales and Marketing Travel, Tourism, and Public Relations Financial Services Computer Networking Web Technologies Business Administration Human Resources Management Computer Information Systems Hotel Management Entrepreneurship and Small Business Operations International Business Management Information Systems Real Estate
Business, Management, Marketing & Technology			

STATE CAREER PATHWAY		NATIONAL CAREER CLUSTERS		RECOMMENDED HIGH SCHOOL COURSES
Engineering/Manufacturing & Industrial Technology	Is This Career Path for YOU?	Architecture and Construction	Business Finance Business Law Chemistry Computer Programming/Science Creative Writing Drafting Electronics and Robotics English Language Arts Government Health Industrial/Mechanical Drafting International Business Machine Tools Math Physical Sciences/Physics Probability and Statistics Science World Languages (Also see AP, CTE, and EMC course listings)	
Careers in this path are related to technologies necessary to design, develop, install, and maintain physical systems. These include engineering, manufacturing, construction, service, and related technologies.	<p>Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing building structures? Are you curious about how things work? Would you enjoy painting a house, repairing cars, wiring electrical circuits, or wood-working? Would you enjoy working in a laboratory? Are you good at understanding mechanics? Would you enjoy planning roads or power systems? Would you like to fly planes, drive trucks, or pilot ships?</p> <p><i>This may be the career pathway for you!</i></p> <p>-Michigan Department of Education</p>	Manufacturing Science, Technology, Engineering & Mathematics Transportation, Distribution & Logistics Career Categories Architecture Construction Drafting Engineering & Related Technologies Manufacturing Technology Mechanics and Repair Precision Production		
Sample Career Pathway Choices	SAMPLE CAREERS	Sample College Programs	Sample College Programs of Study	
Construction Electromechanical Installation & Maintenance Engineering Technology Electronic Technology Facility & Mobile Equipment Maintenance Industrial Technology Logistics Planning and Management Service Maintenance/Operations Maintenance, Installation & Repair Manufacturing Process Development Planning, Management, & Regulations Precision Metal Production Precision Technology Processes Production Quality Assurance Risk/Health and Safety Management Science and Math Transportation Operations Transportation Systems/Infrastructure	<ul style="list-style-type: none">• Air Traffic Controller• Aircraft Mechanic• Airline Pilot• Architect• Aerospace Engineer• Astronaut• Automotive Technician• Carpenter• Chemical Engineer• Clothing Manufacturer• Computer Hardware Technician• Computer Scientist• Cost Estimator• Dental Lab Tech• Draftsman• Electrical Engineer• Electrician• Geographer• Graphic and Printing Equipment Operator• Industrial Designer• Industrial Electronic Installer• Industrial Engineer Tech• Instrument Control Technician• Instrument Maker• Locomotive Engineer• Millwright• Nuclear Technician• Optometrist• Physicist• Pipefitter• Plumber• Quality Control Technician• Sheet Metal Worker• Surveyor• Welder	Construction Management HVACR Engineering Technology Mechanical Engineering Manufacturing Engineering Geological/Geophysical Engineering Engineering Engineering Physics Mechanical Engineering Chemical Engineering Aerospace, Aeronautical, and Astronautical/Space Engineering Computer Hardware/Software Engineering Industrial Engineering Engineering Nuclear and Industrial Management Industrial Electronics Technology Nanotechnology Energy Auditor Heating & Air Conditioning and Refrigeration Technology Robotics Technology	Electrical/Electronic Engineering Technology Energy Systems Engineering Facility Management CAD/CADD Drafting and/or Design Technology Materials Engineering Telecommunications Technology Industrial Radiology Technology Industrial Mechanics and Maintenance Technology Industrial Safety Technology Apparel & Textile Manufacturing Civil Engineering Environmental Engineering Automotive Engineering Mining Engineering Ophthalmic Laboratory Technology Biomedical Engineering	
Engineering/Manufacturing & Industrial Technology				

STATE CAREER PATHWAY		NATIONAL CAREER CLUSTERS		RECOMMENDED HIGH SCHOOL COURSES
Health Sciences		Is This Career Path for YOU?	Health Sciences	English Language Arts Math Biology Social Studies Psychology Chemistry Forensics Health Physical Education Geography Creative Writing Economics Physics Business Law Human Anatomy & Physiology World Languages Family & Consumer Sciences Food and Nutrition (Also see AP, CTE, and EMC course listings)
Careers in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment, and related health technologies.	Do you like to care for people or animals that are sick or help them stay well? Are you interested in diseases and in how the body works? Do you enjoy reading about science and medicine? Would it be fun to learn first aid or volunteer at a hospital or veterinary clinic? Would you enjoy teaching people how to live a healthy lifestyle? Do you pay attention to small details?	Dentistry Hygiene Medicine Nursing Nutrition and Fitness Therapy and Rehabilitation		
	<p>This may be YOUR career path!</p> <p>-Michigan Department of Education</p>			
Sample Career Pathway Choices	SAMPLE CAREERS		Sample College Programs	Sample College Programs of Study
Therapeutic Services Health Informatics Diagnostic Services Supportive Services Information & Communications Services Technology Health Sciences Pharmaceutical Services Medical and Health Services Environmental Health Occupational Health Health Education Home Health Care Nutrition and Wellness Veterinarian Science Zoologists and Wildlife Research and Development Biomedical Engineering Rehabilitation Services Medical Records Technology Psychological Sciences Internal Medicine Dental Sciences	<ul style="list-style-type: none">DentistDental HygienistDoctorVeterinary TechnicianRespiratory TherapistPhysical TherapistPharmacistCoronerMassage TherapistMental Health NurseCosmetologist/BarberCardiologistAnesthesiologistDermatologistHealth Care AdministratorDietitianMedical Lab TechPediatricianRehabilitation CounselorOccupational TherapistEpidemiologistSurgeon	<ul style="list-style-type: none">AudiologistOptometristChiropractorSonographerMedical Records AdministratorBiostatisticianIndustrial HygienistEMT/ParamedicHealth EducatorBioinformatics ScientistBiomedical Engineering TechnicianNeurologistMedical SecretaryObstetrician-GynecologistOrthodontistPlastic SurgeonPsychologistRadiologistPsychiatristAthletic Trainer	Dental Hygienist Occupational Therapist Respiratory Therapy Nursing Cardiac Technician Physical Therapist Chemical Technology Radiography Clinical Laboratory Technology Cosmetology/Barbering Biotechnology Health Information Management Health Care Systems Pharmacy Nuclear Medicine Technology Epidemiology Medical Assistant Animal Health Health and Wellness Holistic Health Health Teacher Education Pathology	Maternal and Child Health Environmental Health Engineering Medical Examiner Medicine and Pre-Medicine Cardiovascular Science Biochemistry Dental Clinical Sciences Audiology Health Service Administration Clinical Research Registered Nursing Applied Behavior Analysis Psychiatric/Mental Health Nurse Nutrition Sciences Food, Nutrition, and Wellness Dietitian Technician Family and Consumer Sciences Occupational/Physical Therapist Veterinarian Medicine Zoology/Animal Biology Microbiology and Immunology
Health Sciences				

STATE CAREER PATHWAY		NATIONAL CAREER CLUSTERS	RECOMMENDED HIGH SCHOOL COURSES
Human Services	Is This Career Path for YOU?	Human Services Law, Public Safety and Security Government & Public Services Career Categories Child and Family Services Cosmetologist Education Food and Beverage Service Human Services Law and Legal Studies Law Enforcement Social Services	Anthropology Business Law Debate English Language Arts Family and Consumer Science Economics Forensic Science Geography Government Health International Business Law Math Psychology Science Social Studies/History Sociology Statistics World Languages (Also see AP, CTE, and EMC course listings)
<p>Careers in this path are related to economic, political, and social systems. These include education, government, law and law enforcement, leisure and recreation, military, religion, child care, social services, and personal services.</p> <p><i>This may be the career path for YOU!</i></p> <p>-Michigan Department of Education</p>	<p><i>Are you friendly, open, understanding, and cooperative? Do you like to work with people to solve problems? Is it important to you to do something that makes things better for other people? Do you like to help friends with family problems? Do you like reading, storytelling, traveling, or tutoring young children? Do you respect the law and the rule of law? Do you think it would be exciting to work in a courtroom? Do you value public service? Are you interested in government and politics? Are you good at debating and winning arguments?</i></p>		
Sample Career Pathway	SAMPLE CAREERS	Sample College Programs of Study	Sample College Programs of Study
Emergency and Fire Management Law Enforcement Services Legal Services Security and Protective Services Personal Care Services Family and Community Services Counseling and Mental Health Teaching/Training Early Childhood Development & Services Consumer Services Criminal Justice and Corrections Revenue and Taxation National Security Foreign Service Governance and Regulation Military/Armed Services Human and Social Services Human Development Education Facilities Management Family Studies	<ul style="list-style-type: none"> • Anthropologist • Bailiff • Career Coach • Chef • Teacher • Corrections Officer • Federal Agent • Firefighter • Homecare Aide • Human Resources • Judge • Lawyer • Detective • Paralegal • Police Officer • Politician • Private Investigator • Psychiatrist • School Administrator • Translator • Esthetician 	Culinary Arts/Chef Training Early Childhood Education Special Education Elementary Education Secondary Education Educational Leadership Social Services: Mental Health Gerontology Sociology Public Relations Political Science and Government Family and Consumer Sciences Criminal Justice/Law Enforcement Administration Fire Protection and Safety Human Services Non-Profit/Public Organizational Management Community Organization and Advocacy Industrial Organization Psychology	Marriage and Family Therapy Career and Technical Education Facilities Planning and Management Parks, Recreation, and Leisure Facilities Management Corrections Administration Artificial Intelligence Law and Pre-Law Studies Public Administration Sign Language Interpretation and Translation Intellectual Property Law Criminology Juvenile Corrections Aesthetics/Esthetician Cultural Studies/Critical Theories Family and Community Services Corrections Administration Kinesiology and Exercise Science Health and Physical Education Behavioral Sciences

STATE CAREER PATHWAY		NATIONAL CAREER CLUSTERS	RECOMMENDED HIGH SCHOOL COURSES
Natural Resources & Agriscience	Is This Career Path for YOU?	Agriculture, Food & Natural Resources	Anthropology Astronomy Biology Botany Chemistry Computer Science Earth Science Economics English Language Arts Environmental Science Geography Geology International Business Math Physics Science Social Studies World Languages (Also see AP, CTE, and EMC course listings)
Careers in this path are related to agriculture, the environment, and natural resources. These include agricultural sciences, earth sciences, environmental sciences, fisheries, forestry, horticulture, and wildlife.	Are you a nature lover? Are you practical, curious about the physical world, and interested in plants and animals? Do you enjoy hunting or fishing? Do you like to garden or mow the lawn? Are you interested in protecting the environment? Are you interested in geology and mining?	Career Categories	
	This could be YOUR career path! -Michigan Department of Education		
Sample Career Pathway Choices	SAMPLE CAREERS	Sample College Programs of Study	
Natural Resource Systems Environmental Services Plant Systems Animal Systems Agribusiness Systems Power, Structural & Technical Systems Horticulture, Landscaping, and Groundskeeping Mining and Operations Agriculture Sciences, Processes and Support Services Forestry Services Wildlife Systems Horticulture Systems Astronomy Geosciences Civil Engineering Anthropological Sciences Fisheries Sciences Conservation Sciences Mining Technologies	<ul style="list-style-type: none">• Farmer• Oceanographer• Physicist• Landscaper• Marine Biologist• Conservation Agent• Chemist• Forester• Biologist• Geographer• Atmospheric Scientist• Archeologist• Agricultural Educator• Agricultural Technician• Agricultural Engineer• Astronomer• Arborist• Climatologist• Meteorologist• Food Inspector• Mining Engineer• Aquaculturist• Animal Breeder• Logger• Fish & Game Warden• Groundskeeper• Greenhouse Manager• Farm Manager• Animal Trainer• Geologist• Engineering Geologist• Biochemist• Ecologist• Wildlife Technician• Hydrologist• Agronomist• Paleontologist• Seismologists• Oceanographer• Geochemist• Geophysicists	<ul style="list-style-type: none">Animal/Livestock Husbandry and Engineering ProductionAnimal SciencesCrop ProductionForest Resources Production and ManagementDynamics Fishing and Fisheries Sciences and ManagementChemistryBiologyBiochemistryGeologyNatural Resources Management PolicyNatural Resources Law Enforcement and Protection ServicesEcologyEnvironmental BiologyConservation BiologyPlant SciencesEnvironmental TechnologyBotany/Plant BiologyWater Quality and Wastewater Treatment ManagementAtmospheric Physics and MeteorologyApplied MathematicsSoil Chemistry and PhysicsAgricultural EngineeringFood ScienceFood Technology and ProcessingAgricultural EconomicsGeoscienceAnthropologyArcheologyCivil EngineeringAgroecology and Sustainable AgricultureMining and Mineral Engineering	
Natural Resources & Agriscience			

Alphabetical Listing of Courses by Department

Actual course offerings (elective courses) described in this Bulletin of Courses are contingent upon sufficient student enrollment, budget, facility, and faculty.

Department	Course	Credit	Page
Art	Advanced Placement Studio Art Portfolio	0.5	44
Art	Art Foundations	0.5	42
Art	Ceramics Studio	0.5	43
Art	Drawing Studio	0.5	42
Art	Eco Art	0.5	43
Art	Fiber Arts	0.5	42
Art	Graphic Design	0.5	43
Art	Illustration	0.5	43
Art	Jewelry Design	0.5	43
Art	Mixed Media	0.5	42
Art	Painting Studio	0.5	43
Art	Photography	0.5	42
Business Education	Accounting A	0.5	47
Business Education	Accounting B	0.5	47
Business Education	Advanced Accounting (C)	0.5	47
Business Education	Advanced Business Information Systems	0.5	49
Business Education	Advanced Marketing (C)	0.5	50
Business Education	Basic Marketing A	0.5	50
Business Education	Basic Marketing B	0.5	50
Business Education	Business Academy	1.0	48
Business Education	Business Career & Professional Development Capstone Exper.	0.5	48
Business Education	Business Finance	0.5	48
Business Education	Business Information Systems A	0.5	49
Business Education	Business Information Systems B	0.5	49
Business Education	Business Law	0.5	49
Business Education	International Business	0.5	49
Business Education	Marketing, Entrepreneurship, and Career Planning	0.5	50
Business Education	School Store: Maroon Shop	0.5	51
Business Education	Sports and Entertainment Management	0.5	51
Business Education	Young Entrepreneurs of the Future	0.5	51
CTE	Automotive Technology	2.0	63
CTE	Aviation Technology	2.0	63
CTE	Barbering	2.0	60
CTE	Computer Programming	2.0	61
CTE	Computer Systems - Networking & Telecommunications	2.0	61
CTE	Conservation Biology	2.0	56
CTE	Construction Trades	2.0	57
CTE	Cosmetology	2.0	60
CTE	Criminal Justice & Public Safety	2.0	60
CTE	Culinary Arts	2.0	58
CTE	Cybersecurity	2.0	61
CTE	Dental Assisting	2.5	58
CTE	Design	2.0	58
CTE	Educator Academy	2.0	60
CTE	Electrical Technology	2.0	57
CTE	Emergency Medical Technician (EMT)	3.0-3.5	58
CTE	Heating, Ventilation, Air Conditioning, & Refrigeration	2.0	57
CTE	Heavy Equipment Maintenance	2.0	63
CTE	Horticulture	2.0	56
CTE	Machine Tool	2.0	62
CTE	Mechatronics: Robotics and Automation	2.0	62
CTE	Medical Laboratory Sciences	2.0	59
CTE	Patient Care Technician	2.0	59
CTE	Pharmacy Technician	2.0	59
CTE	Plumbing	2.0	57
CTE	Rehabilitation Therapy	2.0	59
CTE	Skills for Success		56
CTE	Supply Chain	2.0	62
CTE	Veterinary Science	2.0	56

Alphabetical Listing of Courses by Department

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Department	Course	Credit	Page
CTE	Welding	2.0	62
EFA	3D Computer Animation	2.0	66
EFA	Advanced Musical Theatre	2.0	69
EFA	Advanced Video Arts Studio	2.0	67
EFA	Advanced Visual Arts Studio	2.0	70
EFA	Beginning Dance Studio	1.0	65
EFA	Comics, Manga, and Graphic Novel Arts: Hybrid	0.5	66
EFA	Creative Game Design	2.0	67
EFA	Creative Writing Online: Web-Based	0.5	66
EFA	Digital Photo Art (Hybrid: Web-Based and In-Person)	0.5	68
EFA	Digital Studio Art (Hybrid: Web-Based and In-Person)	0.5	68
EFA	Film and Video Arts	2.0	67
EFA	Hip Hop 180: Loy Norrix Only	1.0	69
EFA	Intermediate Dance Studio	1.0	65
EFA	KVCC Media Arts	2.0	69
EFA	Multimedia Storytelling	2.0	68
EFA	Theatre Improv and Scriptwriting	2.0	70
EFA	Visual Arts Exploration	2.0	70
EFA	World Dance	1.0	65
English	Advanced Drama I	0.5	81
English	Advanced Drama II	0.5	82
English	Advanced Improvisation	0.5	82
English	Advanced Journalism	0.5	80
English	Advanced Placement English: Language and Composition	1.0	83
English	Advanced Placement English: Literature and Composition	1.0	83
English	African-American Literature	0.5	80
English	College English A	0.5	79
English	College English B	0.5	79
English	Creative Writing	0.5	80
English	Debate	0.5	81
English	Drama I - Acting for the Stage	0.5	81
English	Drama II - Acting for the Stage	0.5	81
English	English 9 A	0.5	76
English	English 9 B	0.5	76
English	English 10 A	0.5	77
English	English 10 B	0.5	77
English	English 11 A	0.5	78
English	English 11 B	0.5	78
English	English 12 A	0.5	79
English	English 12 B	0.5	79
English	Forensics	0.5	82
English	Honors English 9 A	0.5	76
English	Honors English 9 B	0.5	76
English	Honors English 10 A	0.5	77
English	Honors English 10 B	0.5	77
English	Honors English 11 A	0.5	78
English	Honors English 11 B	0.5	78
English	Journalism	0.5	80
English	Literacy Across the Content Areas	1.0	75
English	Literacy Essentials in the Secondary Classroom	0.5	75
English	Literature Through Films	0.5	80
English	Novels of Choice	0.5	80
English	Public Speaking	0.5	82
English	Slam Poetry: Writing and Performance	0.5	82
English	Strategic Reading	0.5	75
English	Yearbook	1.0	81
English Language Development	ELD 1: Entering A	0.5	84
English Language Development	ELD 1: Entering B	0.5	84
English Language Development	ELD 2: Emerging A	0.5	84

Alphabetical Listing of Courses by Department

Actual course offerings (elective courses) described in this Bulletin of Courses are contingent upon sufficient student enrollment, budget, facility, and faculty.

Department	Course	Credit	Page
English Language Development	ELD 2: Emerging B	0.5	84
English Language Development	ELD 3: Developing A	0.5	85
English Language Development	ELD 3: Developing B	0.5	85
English Language Development	ELD 4: Expanding A	0.5	85
English Language Development	ELD 4: Expanding B	0.5	85
ELD - Integrated	ELD Literacy A	0.5	87
ELD - Integrated	ELD Literacy B	0.5	87
ELD - Integrated	ELD Numeracy A (Algebra IA)	0.5	87
ELD - Integrated	ELD Numeracy B (Algebra IB)	0.5	87
ELD - Integrated	ELD Science A (Earth Science A)	0.5	87
ELD - Integrated	ELD Science B (Earth Science B)	0.5	88
ELD - Integrated	ELD Social Studies - United States History A	0.5	88
ELD - Integrated	ELD Social Studies - United States History B	0.5	88
ELD - Integrated	ELD Social Studies - World History A	0.5	88
ELD - Integrated	ELD Social Studies - World History B	0.5	88
Family and Consumer Science	Consumer Education	0.5	89
Family and Consumer Science	Essential Living Skills A	0.5	89
Family and Consumer Science	Essential Living Skills B	0.5	89
Family and Consumer Science	Family, Career, & Community Leaders of America Exploration A	0.5	90
Family and Consumer Science	Family, Career, & Community Leaders of America Exploration B	0.5	90
Family and Consumer Science	Food and Nutrition	0.5	90
Family and Consumer Science	Parenting A	0.5	90
Family and Consumer Science	Parenting B	0.5	90
Health	Advanced Health	0.5	91
Health	Health: A Wellness Approach	0.5	91
Leadership	Future Michigan Educator Course 3	0.5	92
Leadership	Link Crew Leadership	0.5	92
Mathematics	Advanced Placement Calculus AB	1.0	99
Mathematics	Advanced Placement Precalculus AB	1.0	99
Mathematics	Advanced Placement Statistics	1.0	99
Mathematics	Algebra IA	0.5	95
Mathematics	Algebra IB	0.5	95
Mathematics	Algebra I Support	0.5-1.0	94
Mathematics	Algebra II A	0.5	96
Mathematics	Algebra II B	0.5	96
Mathematics	Algebra II Part I	0.5	96
Mathematics	Algebra II Part II	0.5	96
Mathematics	Algebra II Part III	0.5	97
Mathematics	Discrete Mathematics	0.5	97
Mathematics	Geometry A	0.5	95
Mathematics	Geometry B	0.5	95
Mathematics	Math Analysis	0.5	97
Mathematics	Mathematical Modeling	0.5	97
Mathematics	Personal Financial Literacy	0.5	94
Mathematics	Pre-Algebra	0.5-1.0	94
Mathematics	Precalculus A	0.5	97
Mathematics	Precalculus B	0.5	98
Mathematics	Statistics and Probability	0.5	98
Mathematics	Strategic Mathematics	0.5	94
Music	Advanced Placement Music Theory	1.0	103
Music	Advanced Treble Chorale	1.0	101
Music	American Popular Music	0.5	102
Music	Concert Band	1.0	100
Music	Concert Choir	0.5	101
Music	Hawthorne Singers	1.0	101
Music	High School Beginning Band	1.0	100
Music	Master Singers	1.0	102
Music	Mixed Chorus	0.5	102
Music	Orchestra	1.0	100

Alphabetical Listing of Courses by Department

Actual course offerings (elective courses) described in this Bulletin of Courses are contingent upon sufficient student enrollment, budget, facility, and faculty.

Department	Course	Credit	Page
Music	Symphonic Band	1.0	101
Music	Treble Chorus	0.5	102
Physical Education	Advanced Conditioning	0.5	106
Physical Education	Aquatics II	0.5	105
Physical Education	Athletic Weightlifting and Training	0.5	106
Physical Education	Conditioning	0.5	105
Physical Education	Healthy Lifestyles Through Aquatics	0.5	105
Physical Education	Healthy Lifestyles Through Physical Activity	0.5	105
Physical Education	Lifetime Sport & Physical Activity	0.5	105
Physical Education	Recreational Team Sports	0.5	105
Science	Advanced Placement Biology	1.0	111
Science	Advanced Placement Chemistry	1.0	111
Science	Advanced Placement Physics I	1.0	111
Science	Astronomy	0.5	108
Science	Biology: Cells, Evolution, and Biotechnology	0.5	108
Science	Biology: DNA, Energy Pathways, and Ecology	0.5	108
Science	Chemistry: Foundations	0.5	108
Science	Earth Science A	0.5	109
Science	Earth Science B	0.5	109
Science	Environmental Science	0.5	109
Science	Forensic Science A	0.5	109
Science	Forensic Science B	0.5	109
Science	Geology A	0.5	109
Science	Geology B	0.5	109
Science	Honors Chemistry: Analytical	0.5	108
Science	Honors Chemistry: Organic	0.5	108
Science	Human Anatomy and Physiology A	0.5	110
Science	Human Anatomy and Physiology B	0.5	110
Science	Physics A	0.5	110
Science	Physics B	0.5	110
Social Studies	Advanced Placement African American Studies	1.0	117
Social Studies	Advanced Placement Comparative Government	1.0	117
Social Studies	Advanced Placement European History	1.0	117
Social Studies	Advanced Placement Psychology	1.0	117
Social Studies	Advanced Placement United States Government & Politics	1.0	117
Social Studies	Advanced Placement United States History	1.0	118
Social Studies	Advanced Placement World History	1.0	118
Social Studies	African American Studies A	0.5	115
Social Studies	African American Studies B	0.5	115
Social Studies	African World Studies	0.5	115
Social Studies	American Military History: 1776 to Present	0.5	115
Social Studies	Anthropology	0.5	115
Social Studies	Current Events (Today's Events, Tomorrow's History)	0.5	116
Social Studies	Economics	0.5	113
Social Studies	Government and Politics: United States A	0.5	114
Social Studies	Government and Politics: United States B	0.5	114
Social Studies	Law I	0.5	116
Social Studies	Law II	0.5	116
Social Studies	Psychology	0.5	116
Social Studies	Sociology	0.5	116
Social Studies	The Turbulent Years: History of the 1980s to 2008	0.5	116
Social Studies	United States History A	0.5	113
Social Studies	United States History B	0.5	113
Social Studies	Women's Studies	0.5	116
Social Studies	World History A	0.5	113
Social Studies	World History B	0.5	113
Virtual Learning Program	Biotechnology A	0.5	119
Virtual Learning Program	Biotechnology B	0.5	119
Virtual Learning Program	Digital Imaging	0.5	119

Alphabetical Listing of Courses by Department

Actual course offerings (elective courses) described in this Bulletin of Courses are contingent upon sufficient student enrollment, budget, facility, and faculty.

Department	Course	Credit	Page
Virtual Learning Program	Engineering and Technology	0.5	119
Virtual Learning Program	Leadership	0.5	119
World Languages	Advanced Placement French Language and Culture	1.0	126
World Languages	Advanced Placement Latin	1.0	126
World Languages	Advanced Placement Spanish Language and Culture	1.0	126
World Languages	Chinese I A	0.5	122
World Languages	Chinese I B	0.5	122
World Languages	Chinese II A	0.5	122
World Languages	Chinese II B	0.5	122
World Languages	Chinese III A	0.5	122
World Languages	Chinese III B	0.5	122
World Languages	French I A	0.5	123
World Languages	French I B	0.5	123
World Languages	French II A	0.5	123
World Languages	French II B	0.5	123
World Languages	French III A	0.5	123
World Languages	French III B	0.5	123
World Languages	Latin I A	0.5	124
World Languages	Latin I B	0.5	124
World Languages	Latin II A	0.5	124
World Languages	Latin II B	0.5	124
World Languages	Latin III A	0.5	124
World Languages	Latin III B	0.5	124
World Languages	Spanish I A	0.5	125
World Languages	Spanish I B	0.5	125
World Languages	Spanish II A	0.5	125
World Languages	Spanish II B	0.5	125
World Languages	Spanish III A	0.5	125
World Languages	Spanish III B	0.5	125

Description of Courses

The following pages contain a description of each course available to students in Kalamazoo Public Schools. Course descriptions found in this section are listed in alphabetical order by **department**. Additional information about the course is provided (if applicable) using the key below:

- [AP]** **Advanced Placement** (pg. 24)
- [C]** **College Credit** – course is eligible for college credit
- [MAC]** **Merit Academic Credit** – Credit can be applied toward fulfillment of a required course/credit (pg. 133)
- [R]** **Required** course/credit for graduation
- [W]** **Weighted** Grade Values (pg. 24)

Actual course offerings (elective courses) described in this Bulletin of Courses are contingent upon sufficient student enrollment, budget, facility, and faculty.

Academic Instruction

Academic Instruction Courses	
Course	Credits
College and Career Readiness	0.5
Seminar	0.5

[R] College and Career Readiness

1 Semester • 0.5 Credit

Course #: 0110-1

Prerequisite: None

This course provides comprehensive strategies for college and career preparation as students explore college, careers, and training options leading to progressive postsecondary pathways. These pathways include 2-year and 4-year college options, job training, apprenticeships, military services, and entrepreneurship. The integration of cross-curricular concepts such as 21st century skills and critical and creative thinking will engage students to develop key transitioning and learning techniques to include understanding departments on college campuses, personal responsibility, study skills, goal setting, budgeting, time management, financial literacy, decision making, and employability skills. Students will explore scholarship options including the gracious gift of The Kalamazoo Promise. Students will also develop a college and career research project outlining their potential college and career postsecondary plan to help them to reach their promising academic, career, and life goals and aspirations.

Scheduling Note for KAMSC Students: Students attending KAMSC in their ninth-grade year will meet this requirement in KAMSC Information Technology.

Seminar

1 Semester • 0.5 Credit

Course #: 91004, 91005

This course is designed to be an educational extension of a student's academic schedule. Seminar provides opportunities for enrichment, encouragement, remediation, and reinforcement of key concepts taught in a student's other courses. All students will be automatically registered for the seminar but can opt out to take additional courses. Recommendation from counselors and/or guardians is required.

Art

All Art courses count toward the Visual, Performing, and Applied Arts requirement for graduation.

Current Art Courses	
Course	Credits
AP Studio Art Portfolio	0.5
Art Foundations	0.5
Ceramics Studio	0.5
Drawing Studio	0.5
Eco Art	0.5
Fiber Arts	0.5
Graphic Design	0.5
Illustration	0.5
Jewelry Design	0.5
Mixed Media	0.5
Painting Studio	0.5
Photography	0.5

Art

All Art courses count toward the Visual, Performing, and Applied Arts requirement for graduation.

Introductory Courses

Art Foundations

1 Semester • 0.5 Credit

Course #: 1000-1

Prerequisite: None

Students will develop drawing skills while fostering creativity and personal expression. Students will explore techniques in shading, mark-making, and perspective, to create realistic and imaginative compositions. Through hands-on exercises, students will develop an understanding of proportion, depth, and texture, using a variety of drawing tools and materials. This class emphasizes observation, practice, and the creative process to help students bring their ideas to life.

Intermediate Courses

Drawing Studio

1 Semester • 0.5 Credit

Course #: 1037-1

Prerequisite: Art Foundations

Students will develop drawing skills while fostering creativity and personal expression. Students will explore techniques in shading, mark-making, and perspective, to create realistic and imaginative compositions. Through hands-on exercises, students will develop an understanding of proportion, depth, and texture, using a variety of drawing tools and materials. This class emphasizes observation, practice, and the creative process to help students bring their ideas to life.

Fiber Arts

1 Semester • 0.5 Credit

Course #: 1041-1

Prerequisite: Art Foundations

Students will explore the artistic possibilities of natural and synthetic fibers while developing skills in pattern design, color theory, and texture creation. Techniques such as weaving, sewing, crocheting, macrame, and knitting will be developed. Projects will range from traditional crafts to contemporary expressions, allowing students to create functional, decorative, or conceptual works.

Mixed Media

1 Semester • 0.5 Credit

Course #: 1057-1

Prerequisite: Art Foundations

Students will develop and refine 2-D and 3-D techniques. Students will develop their ability to brainstorm, research, and collect reference images, in order to learn to independently develop ideas for assignments. By combining art materials and techniques, students will develop their artistic skills.

Photography

1 Semester • 0.5 Credit

Course #: 10621

Prerequisite: Art Foundations

Students will develop skills in creative expressive photography through the technical aspects of digital imaging. Emphasis will be placed on idea development, composition, lighting, and communication through the use of digital equipment.

Art

All Art courses count toward the Visual, Performing, and Applied Arts requirement for graduation.

Emphasis Courses

Ceramics Studio

1 Semester • 0.5 Credit

Course #: 10351

Prerequisite: Art Foundations

Scheduling Note: Course only runs on even years beginning in the 2026-2027 school year

Students will develop a strong skill base to enable the successful construction of functional and sculptural ceramic objects. Students will create 3-D forms with an emphasis on ideas and concepts. Assignments will provide a backbone for exploration in slab construction, coil building, pinching, glazing, and throwing on the potter's wheel. This course is designed to provide a hands-on studio art experience.

Eco Art

1 Semester • 0.5 Credit

Course #: 1032-1

Prerequisite: Art Foundations

Scheduling Note: Course only runs on odd years beginning in the 2025-2026 school year

Students will create art that utilizes nature as its primary subject, while also emphasizing the human relationship between nature, art, and science. 2-D and 3-D art will be produced using natural materials, is done outdoors, and/or has an ecological message. Opportunities for interdisciplinary study with science may include subjects such as Earth Science, architecture, literature, botany, anatomy, and biology.

Graphic Design

1 Semester • 0.5 Credit

Course #: 1043-1

Prerequisite: Art Foundations

Scheduling Note: Course only runs on odd years beginning in the 2025-2026 school year

Students will apply a broad range of digital image editing tools. Students will enhance their digital literacy by examining the different capabilities of image editing software programs and understanding the difference between vector and raster-based imagery. Graphic design, image formatting, photo editing, and digital painting will be applied.

Illustration

1 Semester • 0.5 Credit

Course #: 1033-1

Prerequisite: Art Foundations

Scheduling Note: Course only runs on even years beginning in the 2026-2027 school year

Students will create visuals intended to accompany other media such as newspapers, children's books, comics, graphic novels, cartoons, and/or video games. Emphasis will be placed on applying stylized drawing techniques, character design, composition, historical connections, and media exploration

Jewelry Design

1 Semester • 0.5 Credit

Course #: 10461

Prerequisite: Art Foundations

Scheduling Note: Course only runs on even years beginning in the 2026-2027 school year

Students will apply materials, tools, and techniques to create original pieces of jewelry. Emphasis will be placed on the basic skills of design, craftsmanship, and creative expression. Students will build on these skills to explore advanced jewelry techniques.

Painting Studio

1 Semester • 0.5 Credit

Course #: 1058-1

Prerequisite: Art Foundations

Scheduling Note: Course only runs on odd years beginning with the 2025-2026 school year.

Students will use acrylic and/or watercolor paint as an expressive media. Mark making, mixing colors, building value, and compositional considerations will be studied. Additionally, students will learn to apply techniques to achieve conceptual meaning in their works

Art

All Art courses count toward the Visual, Performing, and Applied Arts requirement for graduation.

Advanced Placement Courses

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester. A packet with detailed course information is available in the principal's office.

AP courses are intended for students in grades 10-12.

[W]= Weighted Grade Value (see page 24)

[C] = College Credit Available - *Students can earn college credit by taking any of the following Advanced Placement courses and passing the AP Exam.*

[AP] [W] [C] AP Studio Art Portfolio

2 Semesters • 1.0 Credits

Course #: 10922, 10923

Prerequisite: Review of Portfolio

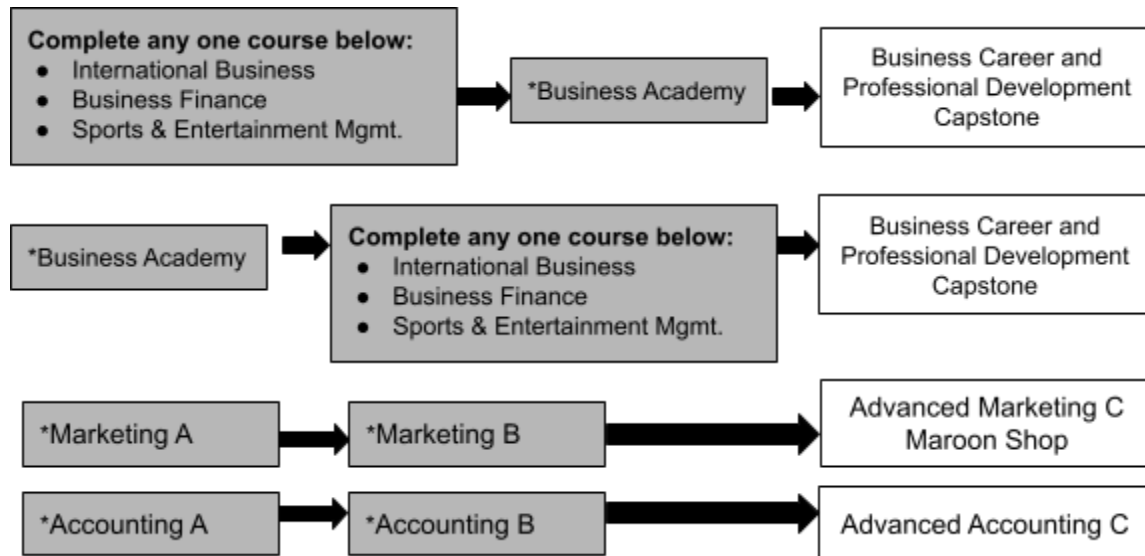
Students will choose a course of study - AP 2-D, AP Drawing, or AP 3-D - to gain possible credit at the college level. Specifically, students will create a comprehensive portfolio around a subject of study they choose, while learning conceptual art ideas. Emphasis will be placed on documenting practice, experimentation, and revision during this year-long course. Critiquing, presenting, and writing about their art will be a requirement.

Business Education

Current Business Education Courses	
Course	Credits
Accounting (A & B)	1.0
Advanced Accounting (C)	0.5
Advanced Business Information Systems	0.5
Advanced Marketing (C)	0.5
Basic Marketing (A & B)	1.0
Business Academy	1.0
Business Career and Professional Development Capstone Experience	0.5
Business Finance	0.5
Business Information Systems (A & B)	1.0
Business Law	0.5
International Business	0.5
Marketing, Entrepreneurship, and Career Planning	0.5
School Store: Maroon Shop	0.5
Sports & Entertainment Management	0.5
Young Entrepreneurs of the Future	0.5
CTE courses prepare students for work-based learning opportunities in the community where they can earn money and school credit at the same time while learning valuable employability skills. Students can also earn recognized industry-based certifications in all CTE courses.	

Business Education

Business, Management, Marketing, and Technology Course Pathways



Students can complete any course pathway (in gray; with a “C” or higher) to become a program completer. Courses that are not highlighted provide a deeper concentration within the career pathway. ***All business CTE courses also count towards either the credit for the final-year math experience or the World Language credit. Please see your counselor or talk with a business teacher for additional information about course offerings, Microsoft Office and other certifications. Explore the many viable and emerging career-connected business pathways and work-based learning opportunities offered in these career pathways!***

Business Education

Accounting Courses

All of the following Accounting courses include a manual, as well as computerized accounting procedures, which are integrated into the curriculum and reflect tasks performed within the accounting field.

Accounting A

1 Semester • 0.5 Credit

Course #: 1550-2

Prerequisite: SCT

Grades: 10, 11, 12

Students will learn accounting procedures and principles for a service business organized for single-owner businesses and partnership and how accounting is used to record and report business transactions. Students will learn about financial statements such as income statements and balance sheets along the process of recording, adjusting, analyzing revenues and expenses. Students will also learn how assets and liabilities are used and recorded in reporting financial information. This course prepares students for entry-level accounting/finance positions and is recommended for all students interested in pursuing a college degree, as well as students who plan to own and operate their own business. Students taking this class will have the option to earn industry-based certification(s).

AND

Accounting B

[MAC] 4th Related Math

1 Semester • 0.5 Credit

Course #: 1550-3

Prerequisite: Accounting A

Grades: 10, 11, 12

As a continuation of Accounting A, students will deepen their knowledge of the accounting information systems and business applications in evaluating assets, liability and equity valuation. Students will also explore emerging technologies used in accounting to record financial information and transactions and will focus on strategic cost analysis in helping a business improve their strategic position. Students will also learn why and how businesses use performance evaluation to forecast their financial performance to improve their strategic position. Students taking this class will have the option to earn industry-based certification(s).

Advanced Accounting C

1 Semester • 0.5 Credit

Course #: 1551-1

Prerequisite: Accounting B

Grades: 10, 11, 12

This course is an extension of Accounting B. Students will learn accounting for a merchandising business that is structured as a corporation as they build on their knowledge from previous accounting courses. Students will learn how to analyze the corporation's financial statements to determine how their choices reflect the economics of their corporation as they learn about the necessary tools to analyze financial statements. Students will also explore the importance and role of financial markets in the transition to a net-zero economy. Students will be able to apply these practices if they are interested in working on the buy or sell side. Students taking this class will have the option to earn industry-based certification(s).

Business Education

Business Courses

Business Academy (*Students take 2 of 3 classes listed.*)

1 Semester (Block-2 periods) • 1 Credit

I/S (International Business and Sports and Entertainment Management) Course #1572

S/B (Sports and Entertainment Management and Business Finance) Course #1573

B/I (Business Finance and International Business) Course #1574

Prerequisite: None

Grades: 10, 11, 12

The Business Academy will give students an opportunity to explore business as a possible career path as they learn concepts and develop skills in the areas of business management, marketing, and administration. The academy will offer two concentrated strands of study to include business finance, sports and entertainment management, and/ or international business. Students will participate in work-based learning and leadership activities to prepare them for the workplace and postsecondary education and training pursuits. Students will be able to earn industry-based certification and skills-based badges that provide an employer with verification that students have attained the necessary business skills to be employable in careers in our global society upon completing the program.

Business Career and Professional Development Capstone Experience

1 Semester • 0.5 Credit

Course #: 1577-1

Prerequisite: 11th and 12th Grade Business Program Completers

Students will have the opportunity to earn Microsoft Specialist, Expert, and Master certifications while they embark on a business career and professional development capstone journey. Students will participate in an internship, job shadowing, and/or field experience in their community to specialize their focus on their desired career area as they research, synthesize, assess, and apply learned business concepts and competencies. Students will include components such as career mobility, education, training, and preparation, as they develop a six-year personal career and life plan to meet their goals and objectives. Students will complete a research project, portfolio, and presentation on their findings. Students will utilize career advancement activities to enhance professional development and maintain a career portfolio to document knowledge, skills, and experience in their chosen career field. Students will work on job seeking skills and preparation and examine licensing, certifications and credentialing requirements to maintain compliance with industry standards.

Business Finance

[MAC] 4th Related Math (0.5 credit)

1 Semester • 0.5 Credit

Course #: 1554-1

Prerequisite: None

Grades: 10, 11, 12

Students will gain an understanding of a wide variety of business financial concepts relative to the world of corporate finance. Topics include business environment, ethics, business enterprise, economics, investing, banking, budgeting, entrepreneurship, asset protection and management, financial services, loan options, and risk management. Students will develop the skills to plan, manage, and monitor financial transactions for business applications as they understand real-world economics and financial principles. Students taking this class will have the option to earn industry-based certification(s).

Business Information Systems A (BIS-A)

1 Semester • 0.5 Credit

Course #: 1552-2

Prerequisite: Computer Applications or SCT

Grades: 10, 11, 12

Students will learn to operate in a business environment. Students will gain an understanding of the corporate structure of an organization and what it takes to excel in any career. Students will receive instruction in advanced office applications and procedures. In addition, topics such as work-place essential skills, career planning, records management, leadership, communication, and problem-solving skills related to business and office management will be integrated.

AND

Business Information Systems B (BIS-B)

[MAC] 4th Related Math

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 1552-3

Prerequisite: SCT

Grades: 10, 11, 12

This course is a continuation of BIS-A.

(Advanced) Business Information Systems

1 Semester • 0.5 Credit

Course #: 1553-1

Prerequisite: BIS-B

Grades: 10, 11, 12

This course is an extension of BIS-B. Students will learn advanced concepts that are integrated and demonstrated through various simulations and office applications. Students will receive instruction in e-commerce and human resource management. In addition, students will continue to explore business as a possible career pathway.

Business Law

1 Semester • 0.5 Credit

Course #: 1555-1

Prerequisite: None

Grades: 10, 11, 12

Students will study business situations and laws governing transactions as they relate to consumers, business, and government. This course offers an overview of the legal environment relative to common business transactions and obligations. Topics include negligence and other torts, sales law, contracts, and other selected topics.

International Business

[MAC] 4th Related Math (0.5 credit)

1 Semester • 0.5 Credit

Course #: 1558-1

Prerequisite: None

Grades: 10, 11, 12

Students will learn how international business affects our world economy as they explore the cultural, geographical, political, technological, and legal ramifications impacting business markets, foreign trade, and the exportation of goods and services. Students will also learn the components of the international business environment and aspects related to the value of global currency and globalization on businesses. Students will use simulations and office applications to deepen their understanding of these concepts. Students taking this class will have the option to earn industry-based certification(s).

Business Education

Marketing Courses

Basic Marketing A

1 Semester • 0.5 Credit

Course #: 1560-2

Prerequisite: None

Grades: 10, 11, 12

Students will examine the business function of marketing to include economics, business essentials, and career development as they explore consumer needs, target markets, products, and services. Students will learn a variety of skills including communication, analysis, and strategy to understand buyer behavior, product development, distribution, pricing, and promotion to drive engagement with target audiences. Students will also explore the effect and impact that social media has on marketing and sales in our global technological world. Students taking this class will have the option to earn industry-based certification(s).

AND

Basic Marketing B

[MAC] 4th Related Math

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 1560-3

Prerequisite: Basic Marketing A

Grades: 10, 11, 12

Students will gain an understanding of a wide variety of business financial concepts relative to the world of corporate finance. Topics include business environment, ethics, business enterprise, economics, investing, banking, budgeting, entrepreneurship, asset protection and management, financial services, loan options, and risk management. Students will develop the skills to plan, manage, and monitor financial transactions for business applications as they understand real-world economics and financial principles. Students taking this class will have the option to earn industry-based certification(s).

(Advanced) Marketing C

1 Semester • 0.5 Credit

Course #: 1561-1

Prerequisite: Basic Marketing B

Grades: 10, 11, 12

In this course students will take a deeper examination of marketing research, social media, company analysis, and competition as they build on their knowledge from the previous marketing courses. Students will develop projects to increase their proficiency in one more marketing area and illustrate appropriate research and management skills as they create targeted marketing campaigns using marketing tools focusing on areas such as digital marketing analytics, brand management, and segmentation. Students will incorporate real-world case studies to prepare students for advanced marketing roles within organizations. Students taking this class will have the option to earn industry-based certification(s).

Marketing, Entrepreneurship, and Career Planning

1 Semester • 0.5 Credit

Course #: 1562-1

Prerequisite: None

Grades: 10, 11, 12

This course will introduce the marketing mix and how entrepreneurs plan and implement their marketing and business plans. Students will also complete an employability skills unit for their career plan.

School Store: Maroon Shop**1 Semester • 0.5 Credit****Course # 1563-456****Prerequisites: Basic Marketing B and teacher approval****Grades: 10, 11, 12****Site: Kalamazoo Central High School****Scheduling Note: Students may elect this course for 1 or 2 semesters**

Students will be required to compete in DECA, complete a portfolio, and a marketing research project. The research projects will be of the student's choosing, with instructor approval. Particular emphasis of this class will revolve around managing and operating a retail business.

Sports and Entertainment Management**1 Semester • 0.5 Credit****Course #: 1560-1****Prerequisite: None****Grades: 10, 11, 12**

Students will learn basic functions of management in sports and entertainment industries. They will explore legal principles and ethics, advancements in technology, leadership, and how marketing, financial, and economics principles are applied. Students will also explore product and information management, human resources and management, and customer relations. Students will use various simulations and office applications to deepen their understanding of these concepts. Students taking this class will have the option to earn industry-based certification(s).

Young Entrepreneurs of the Future**1 Semester • 0.5 Credit****Course #: 1571-1****Prerequisite: None****Grade: 9**

As enterprising individuals, students will role-play and take risks as they research and map business needs of their communities. They will find a business they can grow while learning about business principles, concepts and various careers in business. They will learn leadership development, time management and interpersonal skills, which are highly transferable skills sought by employers.

Career and Technical Education (CTE)

CAREER AND TECHNICAL EDUCATION (CTE) 2025 - 2026 COURSE DESCRIPTIONS

All classes are yearlong, Monday - Friday

www.kresa.org/careerconnect

Career and Technical Education (CTE) offers a wide range of cutting edge, hands-on career preparation programs to high school students across Kalamazoo County. CTE courses emphasize real-world application and maintain the rigorous requirements of the Michigan Merit Curriculum, as well as state, national, and industry technical standards. CTE students have the opportunity to earn marketable, industry-recognized credentials through their CTE courses.

CTE programs are held at multiple locations across the county: at the Career Connect Campus, local high schools, on college campuses and business, and at industry work sites.

All CTE courses are located at the Career Connect Campus (CCC), unless otherwise noted for satellite programs.

Morning Session Time: 8:00 a.m. - 10:00 a.m.

Afternoon Session Time: 11:45 a.m. - 1:45 p.m.

*Satellite programs may have an adjusted session time.

Transportation will be provided to the CCC and satellite locations.

All CTE courses may meet Michigan Merit Curriculum requirements for the following areas:

- 2nd world language credit
- 3rd science credit
- 4th related math credit/senior year
- Visual, performing and applied arts credit (VPAA)

Contact your high school counselor with questions related to CTE programs and graduation requirements.

KPS students in grades 10, 11, and 12 are encouraged to apply for a CTE program of their choice. Please note, students in grades 11 and 12 will be given first priority for placement.

Career and Technical Education (CTE)

Course	Credit	Site
Automotive Technology	2.0	Career Connect Campus
Aviation Technology	2.0	Air Zoo
Barbering	2.0	KVCC Texas Township Campus
Computer Programming	2.0	Career Connect Campus
Computer Systems - Networking & Telecommunications	2.0	Career Connect Campus
Conservation Biology	2.0	Kalamazoo Nature Ctr - Heronwood Field Station
Construction Trades	2.0	Career Connect Campus
Cosmetology	2.0	KVCC Texas Township Campus
Criminal Justice & Public Safety	2.0	KVCC Texas Township Campus
Culinary Arts	2.0	Career Connect Campus
Cybersecurity	2.0	Career Connect Campus
Dental Assisting	2.5	KVCC Texas Township Campus
Design	2.0	Career Connect Campus
Educator Academy	2.0	Career Connect Campus
Electrical Technology	2.0	Career Connect Campus
Emergency Medical Technician (EMT)	3.0 - 3.5	KVCC Culinary/Allied Health Building
Heating, Ventilation, Air Conditioning & Refrigeration	2.0	Career Connect Campus
Heavy Equipment Maintenance	2.0	Career Connect Campus
Horticulture	2.0	Career Connect Campus
Machine Tool	2.0	Career Connect Campus
Mechatronics: Robotics and Automation	2.0	Career Connect Campus
Medical Laboratory Sciences	2.0	Career Connect Campus
Patient Care Technician	2.0	Career Connect Campus
Pharmacy Technician	2.0	Career Connect Campus
Plumbing	2.0	Career Connect Campus
Rehabilitation Therapy	2.0	Career Connect Campus
Skills for Success		Online
Supply Chain	2.0	Career Connect Campus
Veterinary Science	2.0	Career Connect Campus
Welding	2.0	Career Connect Campus

Career and Technical Education (CTE)

*For a completer of in-house semester programs – see instructor. One semester does not indicate a completed program.

Pathway	Location	4th Related Math (M) 3rd Science (S) 2nd World Language (WL) Visual, Performing and Applied Arts (VPAA)
Agriculture, Food, and Natural Resources Pathway		
Conservation Biology	Kalamazoo Nature Center Heronwood Field Station	M, S, WL
Horticulture	Career Connect Campus	M, S, WL
Veterinary Science	Career Connect Campus	M, S, WL
Architecture and Construction Trades Pathway		
Construction Trades	Career Connect Campus	M, S, WL, VPAA
Electrical Technology	Career Connect Campus	M, S, WL
Heating, Ventilation, Air Conditioning, and Refrigeration	Career Connect Campus	M, S, WL
Plumbing	Career Connect Campus	M, S, WL
Culinary Arts Pathway		
Culinary Arts	Career Connect Campus	M, S, WL, VPAA
Design Pathway		
Design	Career Connect Campus	M, S, WL, VPAA
Health Science Pathway		
Dental Assisting	KVCC Texas Township Campus	M, S, WL
Emergency Medical Technician	KVCC Culinary and Allied Health Building	M, S, WL
Medical Laboratory Sciences	Career Connect Campus	M, S, WL
Patient Care Technician	Career Connect Campus	M, S, WL
Pharmacy Technician	Career Connect Campus	M, S, WL
Rehabilitation Therapy	Career Connect Campus	M, S, WL
Human Services Pathway		
Barbering	KVCC Texas Township Campus	M, S, WL, VPAA
Cosmetology	KVCC Texas Township Campus	M, S, WL, VPAA
Criminal Justice and Public Safety	KVCC Texas Township Campus	M, S, WL
Educator Academy	Career Connect Campus	M, S, WL, VPAA

Career and Technical Education (CTE)

Pathway	Location	4th Related Math (M) 3rd Science (S) 2nd World Language (WL) Visual, Performing and Applied Arts (VPAA)
Information Technology Pathway		
Computer Programming	Career Connect Campus	M, S, WL
Computer Systems - Networking and Technology	Career Connect Campus	M, S, WL
Cybersecurity	Career Connect Campus	M, S, WL
Manufacturing Pathway		
Machine Tool	Career Connect Campus	M, S, WL
Mechatronics: Robotics and Automation	Career Connect Campus	M, S, WL
Supply Chain	Career Connect Campus	M, S, WL
Welding	Career Connect Campus	M, S, WL
Transportation, Distribution, and Logistics Pathway		
Automotive Technology	Career Connect Campus	M, S, WL
Aviation Technology	Air Zoo	M, S, WL
Heavy Equipment Maintenance	Career Connect Campus	M, S, WL

REQUIRED: ALL CTE STUDENTS MUST TAKE THIS COURSE

Skills for Success

2 Semesters

Course #: 25999

Location: Online

All students enrolled in CTE classes at the CCC and satellite locations will also participate in an online course, Skills for Success, as a requirement for CTE enrollment. Skills for Success is an online course that helps students develop critical skills required for success in work and life. By cultivating mastery in the areas of collaboration, communication, critical thinking, personal management, and problem-solving, students will grow their skills and gain a competitive advantage as learners, in the job market, and beyond.

AGRICULTURE, FOOD AND NATURAL RESOURCES CAREER PATHWAY

Conservation Biology

2 Semesters - 2 Credits

Course #: 25777, 25778

Location: Kalamazoo Nature Center Heronwood Field Station

Examine ecological and applied biological science through classroom, lab, and field work outdoors at the Kalamazoo Nature Center. Major units of the class include: biodiversity, forestry, climate change, soil, water, wildlife, and human impacts on the natural world. Interact with natural resource conservationists and wildlife biologists to gain the necessary skills for employment in this field.

Horticulture

2 Semesters - 2 Credits

Course #: 25872, 25873

Location: Career Connect Campus

Engage in every aspect of plant production, from crop selection to final sale. Learn plant biology, taxonomy, soil science, and modern production techniques while building a professional portfolio of work. This program prepares students for continued education or employment in the horticulture industry.

Veterinary Science

2 Semesters - 2 Credits

Course #: 25707, 25708

Location: Career Connect Campus

Strengthen an understanding of animal anatomy, medical terminology, and healthcare. To prepare for veterinary assistant and veterinary technician careers, learn animal care and handling, anatomy/physiology, surgical preparation, pharmacology, and client relations.

ARCHITECTURE AND CONSTRUCTION TRADES CAREER PATHWAY

Construction Trades

2 Semesters - 2 Credits

Course #: 25527, 25528

Location: Career Connect Campus

Build hands-on skills in the construction industry. Learn hand and power tool use, blueprint reading, design, and basic carpentry skills to support successful careers in residential and commercial construction. This course provides a foundation to pursue a wide variety of construction pathways, including related apprenticeships, residential building, and commercial construction careers.

Electrical Technology

2 Semesters - 2 Credits

Course #: 25577, 25578

Location: Career Connect Campus

Engage in hands-on electrical installations ranging from residential wiring to commercial building projects. To prepare for apprenticeships and residential, commercial, and industrial electrical careers, the course focuses on electrical theory, electrical code, installation, troubleshooting, sustainable energy, and project management.

Heating, Ventilation, Air Conditioning and Refrigeration

2 Semesters - 2 Credits

Course #: 25617, 25618

Location: Career Connect Campus

Engage in hands-on layout design, installation, and service of residential and commercial HVAC-R systems. Learn blueprint design and reading, tools and equipment, residential installation, troubleshooting, and project management. This course prepares students for continued learning in related apprenticeships, and careers in residential and commercial sales, service, and maintenance careers.

Plumbing

2 Semesters - 2 Credits

Course #: 25752, 25753

Location: Career Connect Campus

Gain skills in the design, installation, and maintenance of both residential and commercial plumbing systems. Learn blueprint design and interpretation, foundational tools and equipment, plumbing code, project management, and work with fittings, valves, and fixtures. This course prepares students for plumbing apprenticeships, residential and commercial sales, service, and maintenance careers.

Career and Technical Education (CTE)

CULINARY ARTS CAREER PATHWAY

Culinary Arts

2 Semesters - 2 Credits

Course #: 25547, 25548

Location: Career Connect Campus

Step into a commercial kitchen setting with hands-on instruction and practical learning. Learn cooking principles, sanitation, food safety, management, and culinary skills. This program prepares students for occupations within the restaurant, baking, and catering industries.

DESIGN CAREER PATHWAY

Design

2 Semesters - 2 Credits

Course #: 25762, 25763

Location: Career Connect Campus

Explore various careers in design, develop creative thinking skills, and understand the design process used by professionals. Create projects across multiple design fields, including: graphic design, fashion accessory design, interior and landscape design, product design and much more. Collaborate in design teams, present and discuss work and build a professional portfolio to prepare for success in a variety of design careers.

HEALTH SCIENCE CAREER PATHWAY

Dental Assisting (dual enrolled course held at Kalamazoo Valley Community College)

2 Semesters - 2.5 Credits

Course #: KV2555282, KV45112, KV2555283, KV2555113, KV2555278

Location: KVCC Texas Township Campus

Learn the fundamental knowledge and skills of dental anatomy, physiology, terminology, dental materials, chairside assisting, sterilization, radiology, laboratory, and clinical procedures. This course prepares students to work in a dental office as dental assistants.

Emergency Medical Technician (dual enrolled course held at Kalamazoo Valley Community College)

2 Semesters - 3.0 - 3.5 Credits

Course #: KV2558105, KV2558108, KV2558109, KV2558115 (if 18 by April of the class)

Location: KVCC Culinary and Allied Health Building

Get prepared to work in an out-of-hospital setting as an entry-level Emergency Medical Technician. Emphasis is placed on mastery of CPR, simple pharmacology for common medical emergencies, patient assessment, bandaging and splinting, and vehicle extrication. The course introduces the clinical component of EMT education which is the minimum level of training required for work on a transporting ambulance.

HEALTH SCIENCE CAREER PATHWAY (cont'd)

Medical Laboratory Sciences

2 Semesters - 2 Credits

Course #: 25602, 25603

Location: Career Connect Campus

Step into a simulated functioning medical laboratory providing services ranging from basic specimen collection to handling and analysis. To prepare for laboratory assistant roles across various clinical and medical settings, learn healthcare communication and terminology, anatomy/physiology, phlebotomy, infectious disease identification/protocols, and medical records documentation.

Patient Care Technician

2 Semesters - 2 Credits

Course #: 25622, 25623

Location: Career Connect Campus

Explore healthcare communication and terminology, anatomy/physiology, clinical skills, and ethics/confidentiality in a simulated clinical setting. Learn skills ranging from basic patient care to phlebotomy and EKG. Get prepared for patient care technician, nursing, and related healthcare careers.

Pharmacy Technician

2 Semesters - 2 Credits

Course #: 25672, 25673

Location: Career Connect Campus

Gain a comprehensive understanding of the roles and responsibilities of pharmacy technicians within the healthcare system. Dive into a range of topics, including pharmacology, medication management and regulations, anatomy/physiology, prescription processing, personal and workplace safety, healthcare communication and terminology, math skills and hands-on learning to be prepared to enter a pharmacy technician or related pharmaceutical research/development career.

Rehabilitation Therapy

2 Semesters - 2 Credits

Course #: 25852, 25853

Location: Career Connect Campus

Explore a range of therapy fields, from basic physical therapy to occupational therapy, injury prevention, and rehabilitation, in a hands-on environment mimicking a functioning therapy clinic. To prepare for physical therapy assistant, occupational therapy assistant, athletic training, and related sports medicine careers, learn personal and workplace safety, healthcare communication and terminology, anatomy/physiology, injury care assessment/skills, and rehabilitation.

Career and Technical Education (CTE)

HUMAN SERVICES CAREER PATHWAY

Barbering

2 Semesters - 2 Credits

Course #: 25882, 25883 (Year 1) 25884, 25885 (Year 2)

Location: KVCC Texas Township Campus

Step into a functioning barber shop and state-of-the-art training facility at Kalamazoo Valley Community College School of Cosmetology and Barbering. Gain skills in hair cutting and facial hair design techniques from master instructors. Prepare for the State of Michigan Barbering License.

Cosmetology

2 Semesters - 2 Credits

Course #: 25532, 25533 (Year 1) 25534, 25535 (Year 2)

Location: KVCC Texas Township Campus

Learn in a functioning salon and state-of-the-art training facility at Kalamazoo Valley Community College School of Cosmetology and Barbering. Cultivate skills through direct instruction and practice of hair, skin, and nail services. Prepare for the State of Michigan Cosmetology License.

Criminal Justice & Public Safety

2 Semesters - 2 Credits

Course #: 25642, 25643

Location: KVCC Texas Township Campus

Through a close partnership with local law enforcement agencies and Kalamazoo Valley Community College (KVCC), gain the skills and ethical perspectives needed to become a successful police or fire academy recruit. Develop a foundation for additional careers in criminal justice. Explore topics such as criminal law, patrol procedures, fire ground operations, safety and first aid, ethics, defensive tactics, crime scene investigation, and communication skills.

Educator Academy

2 Semesters - 2 Credits

Course #: 25692, 25693

Location: Career Connect Campus

Cultivate foundational skills for a successful career in the field of education. Learn the fundamentals of child development, from early childhood through adolescence, and principles of effective teaching through classroom instruction and internships. Work directly with young learners in an educational setting, while preparing for work as a paraprofessional, childcare professionals, or continued education as a teacher.

INFORMATION TECHNOLOGY CAREER PATHWAY

Computer Programming

2 Semesters - 2 Credits

Course #: 25382, 25383

Location: Career Connect Campus

Explore real-world scenarios to gain knowledge of hardware components and software applications, perform installation, identify new IT trends and technologies, and understand device cross-platform development. Learn User Experience (UX), User Interface (UI), and responsive design while preparing for careers in the computer programming field.

Computer Systems - Networking and Telecommunications

2 Semesters - 2 Credits

Course #: 25782, 25783

Location: Career Connect Campus

Learn to implement and manage high-performance, reliable, and scalable computer networks that connect devices, systems, and users across organizations or even globally. Gain insight into concepts such as performance and reliability, scalability, security, network architecture, network management, collaboration and convergence, standards, and troubleshooting, while preparing for careers in the computer networking field.

Cybersecurity

2 Semesters - 2 Credits

Course #: 25792, 25793

Location: Career Connect Campus

Engage in real-world scenarios to learn topics and skills related to protecting computer operating systems (Windows, Linux, and macOS), networks, IP addresses, and data from threats. Explore new IT trends and technologies, and demonstrate knowledge of network integrity protection, quality assurance, interpreting documentation, coding, cryptographic protocols, and security to prepare for careers in the cybersecurity field.

MANUFACTURING CAREER PATHWAY

Machine Tool

2 Semesters - 2 Credits

Course #: 25662, 25663

Location: Career Connect Campus

Get immersed in machine tool technologies, from basic to advanced. Learn the stages of manufacturing from idea to fabrication, including the use of CAD/CAM software, mills, lathes, and other industry related equipment. Build a solid foundation of manufacturing skills, including metalworking theory, problem solving, design, measurement, and quality inspection, to prepare for machining and engineering careers.

Mechatronics: Robotics and Automation

2 Semesters - 2 Credits

Course #: 25497, 25498

Location: Career Connect Campus

Dive deep into the use of robotics for processes that combine mechanical, electrical, computer, and automation technologies. Build a solid foundation of skills including electrical theory, robotics, CAD/CAM, hydraulics/pneumatics, and project management to prepare for machining and engineering careers.

Supply Chain

2 Semesters - 2 Credits

Course #: 25892, 25893

Location: Career Connect Campus

Explore the flow of materials from raw material to finished product and delivery to customers. This foundational course introduces key concepts such as global supply chains, warehouse location, contingency planning, and in-sourcing and out-sourcing decisions. Learn how professionals optimize resources and establish physical networks, while gaining real-world experience by operating the Career Connect Campus warehouse.

Welding

2 Semesters - 2 Credits

Course #: 25712, 25713

Location: Career Connect Campus

Get immersed in hands-on welding processes using professional equipment, applying various techniques to design and fabricate professional-grade metalwork. Gain expertise in safety, metalworking theory, welding techniques/tools, cutting/torches, automation, and quality inspection.

TRANSPORTATION, DISTRIBUTION AND LOGISTICS CAREER PATHWAY

Automotive Technology

2 Semesters - 2 Credits

Course #: 25337, 25338

Location: Career Connect Campus

Engage in hands-on learning in a simulated model of a fully functioning auto service center. To prepare for occupations within the rapidly evolving auto service industry, learn safety, engine repair, automatic transmission and transaxle, manual drivetrain and axles, suspension and steering, brakes, electrical/electronic systems, heating, ventilation and air conditioning, engine performance, and foundational tasks of auto maintenance and repair.

Aviation Technology

2 Semesters - 2 Credits

Course #: 25517, 25518

Location: Air Zoo

Develop an understanding of the aviation industry, including airplane evolution, commercial aviation, flight operations and regulations, weather, airspace, navigation, and more. Interact with industry experts and visit leaders in the field of aviation while cultivating skills with drone technologies.

Heavy Equipment Maintenance

2 Semesters - 2 Credits

Course #: 25432, 25433

Location: Career Connect Campus

Engage in hands-on training in the maintenance, repair, and operation of off-road diesel equipment, in partnership with AIS Construction Equipment. Explore heavy machinery used in construction, trucking, agriculture, and material handling industries. Learn engine systems, hydraulic systems, powertrain systems, electrical systems, and maintenance fundamentals. Work with industry-standard equipment and tools, and gain valuable practical experience and prepare for careers as heavy equipment technicians, diesel mechanics, construction equipment operators, and agricultural equipment mechanics.

Education for the Arts (EFA)

2025-2026 COURSE DESCRIPTIONS

All classes are yearlong, Monday-Friday unless otherwise noted www.kresa.org/efa

DANCE

Beginning Dance Studio	1.0	Kalamazoo Central, Loy Norrix, Parchment
Intermediate Dance Studio	1.0	Kalamazoo Central, Loy Norrix
World Dance	1.0	Kalamazoo Central, Loy Norrix

LITERARY ARTS

Comics, Manga, and Graphic Novel Arts: Hybrid	0.5	Four days on-line, one day on-site
Creative Writing Online: Web-Based	0.5	Online: Kalamazoo Central, Loy Norrix

MEDIA ARTS

3D Computer Animation	2.0	Epic Center PMN/KVCC
Advanced Video Arts Studio	2.0	Kalamazoo Institute of the Arts
Creative Game Design	2.0	TBD
Digital Photo Art (Hybrid: Web-Based & In-Person)	0.5	Online and Epic Center, PMN
Digital Studio Art (Hybrid: Web-Based & In-Person)	0.5	Online and Epic Center, PMN
Film and Video Arts	2.0	Kalamazoo Central, Vicksburg High School
Multimedia Storytelling	2.0	Epic Center PMN

MEDIA ARTS DUAL-ENROLLED PROGRAM

KVCC Media Arts	2.0	KVCC Center for New Media
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THEATRE AND PERFORMING ARTS

Advanced Musical Theatre	2.0	Loy Norrix
Hip Hop 180: Loy Norrix Only	1.0	Kalamazoo Institute of the Arts
Theatre Improv and Scriptwriting	2.0	Kalamazoo Institute of the Arts

VISUAL ARTS

Advanced Visual Arts Studio	2.0	Kalamazoo Institute of the Arts
Visual Arts Exploration	2.0	Kalamazoo Institute of the Arts

Education for the Arts (EFA)

DANCE

Beginning Dance Studio

[MAC] Visual, Performing, and Applied Arts OR Physical Education

2 Semesters - 1.0 Credit

Course #: 20704, 20705

Grades: 9, 10, 11, 12

Prerequisite: None

Location: Kalamazoo Central, Loy Norrix, Parchment

Learn the basic elements and discipline of formal dance technique, exploring classical modern dance, ballet, jazz, hip-hop, and cultural dance styles. Exploration of dance-related subjects will include movement improvisation, composition, and dance history. Students gain performance skills, learn how to choreograph their own dances, and are required to participate in an EFA dance concert at the end of each term. They will have the opportunity to take field trips to see live dance concerts and attend master classes. Students will work with professional dance educators and guest artists.

Intermediate Dance Studio

[MAC] Visual, Performing, and Applied Arts OR Physical Education

2 Semesters - 1.0 Credit

Course #: 20747, 20748

Grades: 9, 10, 11, 12

Prerequisites: Beginning Dance Studio

Location: Kalamazoo Central, Loy Norrix

Intermediate Dance is for students who have completed a beginning EFA class, have previous dance/movement experience and are committed to a full year of dance instruction. Students will further their training through in-depth instruction and structured small group student exploration in formal dance technique, classical modern dance, ballet, jazz, hip hop, and cultural dance styles. Exploration of dance-related subjects will include movement improvisation, composition, and dance history. Students will gain performance, composition, and choreographic skills and develop observation, analysis, critical thinking, and reflection skills. Students will prepare and produce a dance presentation each semester. The class will take field trips to professional dance concerts and work with master guest artists.

World Dance

[MAC] Visual, Performing, and Applied Arts OR Physical Education

2 Semesters - 1.0 Credit

Course #: 20762, 20763

Grades: 9, 10, 11, 12

Prerequisites: None

This course can be taken 1 or 2 semesters

Location: Kalamazoo Central, Loy Norrix

Students will learn about the origins and history of Dance from around the world. This class will explore the cultural and historical context of many indigenous dances from across the globe through media and readings. Students will experience kinesthetically authentic dance forms and their influence on contemporary dance.

Education for the Arts (EFA)

LITERARY ARTS

Comics, Manga, and Graphic Novel Arts: Hybrid

[MAC] Visual, Performing, and Applied Arts

1 Semester - 0.5 Credits

Course # 20651

Grades: 9, 10, 11, 12

Prerequisites: None

Location: Four days on-line, one day on site

Learn to write and produce compelling, artistic, inventive comics or manga, and Graphic Novels. Research the history of comics, study the elements of story, plot, and character development, and the productive use of imagery, layout, and composition. Work individually and collaboratively on projects and develop projects by manipulating and editing found media and open-source graphics.

Creative Writing Online: Web-Based

[MAC] Visual, Performing, and Applied Arts

1 Semester - 0.5 Credits

Course #: 20921

Grades: 9, 10, 11, 12

Prerequisites: None

Location: Online: Kalamazoo Central, Loy Norrix

Through studying written works in various forms and the regular practice of writing, students will better understand the creative writing process. Students will also collaborate on a few projects and read and critique one another's work through small group workshops (held through discussion forums). Students will turn in four major creative writing assignments, regular creative writing exercises, three short reflections, a recording of a student performing one of their assignments, and an online portfolio.

MEDIA ARTS

3D Computer Animation

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20572, 20573

Grades: 10, 11, 12

Prerequisites: None

Location: Epic Center PMN/KVCC

Introduction to the technical and creative fundamentals of 3D Animation software. Students learn core concepts such as modeling, mapping, storyboard/scripting, and rendering. Students create original characters and environment designs and animate characters in landscapes.

Education for the Arts (EFA)

MEDIA ARTS (cont'd)

Advanced Video Arts Studio

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20522, 20523

Grades: 10, 11, 12

Prerequisites: None

Location: Kalamazoo Institute of Arts

Advanced Video Arts Studio (AVAS) is a project-based video class for students who have already taken EFA Film Video Arts. The class concentrates on individual student films that will be used for portfolio work and entered into video competitions. Students learn about lighting, sound, directing, and advanced filming and editing techniques.

Creative Game Design

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20582, 20583

Grades: 10, 11, 12

Prerequisites: None

Location: TBD

This project-focused course will teach students the fundamentals of game design. Through practice and study students learn about the powerful stories that can be told through in-person, real-time games. Students create board games, card games, role-playing games, and video games, and explore adjacent forms of interactive media. Students develop storytelling and graphic design skills while gaining a greater understanding of fun and the nature of play.

Film and Video Arts

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20637, 20638

Grades: 10, 11, 12

Prerequisites: None

Scheduling Note: Meets daily (M-F), two periods per day

Location: Kalamazoo Central, Vicksburg High School

Film and video arts introduces students to the creation and study of time-based media in video and film. Students work with the latest digital technology to create a variety of works that help them mold and define their own personal visual style for innovative, artistic communication.

Education for the Arts (EFA)

MEDIA ARTS (cont'd)

Digital PhotoArt (Hybrid: Web-based and In-Person)

[MAC] Visual, Performing, and Applied Arts

1 Semester - 0.5 Credits

Course # 20561

Grades: 10, 11, 12

Prerequisites: None

Location: Online and Epic Center PMN

This class will introduce, enhance, and refine students' ability to express themselves with the aid of digital cameras. Students will learn proper photographic techniques, computer enhancement of photos, printing, and professional presentation techniques. Students will have many assignments ranging from core photography fundamentals to immersive pieces of personal expression. They will leave class with the beginnings of a portfolio and knowledge to continue and expand their work in the future.

EVENINGS

Digital Studio Art (Hybrid: Web-based and In-Person)

[MAC] Visual, Performing, and Applied Arts

1 Semester - 0.5 Credits

Course # 20541

Grades: 10, 11, 12

Prerequisites: None

Location: Online and Epic Center PMN

This class introduces the basics of drawing and painting using digital means, as well as the basics of digital imaging using Adobe Photoshop and Illustrator. The course is built around the core elements of visual art, such as line, shape, value, and color, with an additional emphasis on learning and using imaging software tools.

EVENINGS

Multimedia Storytelling

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20592, 20593

Grades: 10, 11, 12

Prerequisites: None

Location: Epic Center PMN

Learn how to tell true stories with real impact by creating podcasts, documentaries, and news segments. Students have hands-on experience with recording interviews, capturing footage, and editing while exploring the power of journalism and documentaries to share real-world issues and unique perspectives. By the end of the course, you create original projects to show off—perfect for anyone ready to create content that makes a difference!

Education for the Arts (EFA)

MEDIA ARTS DUAL-ENROLLED PROGRAM

KVCC Media Arts

2 Semesters - 2.0 Credits

Grades: 10, 11, 12

Prerequisite: None

Location: KVCC Center for New Media

Create artworks using computers and learn how art communicates emotions and ideas. Projects include digital photograph manipulation, art for the Internet, stereo 3D images, digital painting, and combining traditional media with new technologies.

THEATRE AND PERFORMING ARTS

Advanced Musical Theatre

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20807, 20808

Grades: 10, 11, 12

Prerequisites: None

Location: Loy Norrix

Using a workshop approach, students will experience an in-depth study of musical theatre to enhance their appreciation of the genre and improve their practical performance skills in acting, vocal, and dance performance. Mentored by theatre, vocal, and dance educators and guest artists, students will explore, perform, and critique various aspects of musical theatre from the past to the present. Emphasis will be placed on creative and innovative approaches to performing works.

Hip Hop 180: Loy Norrix Only

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 1.0 Credit

Course # 20752, 20753

Grades: 10, 11, 12

Prerequisites: None

Location: Kalamazoo Institute of Arts

Activate your voice and amplify your vision through the power of performance rap/poetry, music, and movement. Dig into the history of Hip Hop culture and social justice leadership to build skills, decipher contexts, and determine truths. Then merge your artistic and activist knowledge and techniques to enact meaningful, positive social change in y(our) community.

Education for the Arts (EFA)

THEATRE AND PERFORMING ARTS (cont'd)

Theatre Improv and Scriptwriting

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20827, 20828

Grades: 10, 11, 12

Prerequisites: None

Location: Kalamazoo Institute of Arts

Through in-depth study and practice, students will learn the basics of improvisation, writing, directing, and acting for the stage, as well as integrating images and music into their theatrical performances. Students work with practicing artists exploring different forms of theatre, from classical to contemporary. These experiences will inform the development of each student's distinct writing style. Students will participate in at least two class performances and visit area theatres to experience a variety of stage productions.

VISUAL ARTS

Advanced Visual Arts Studio

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20527, 20528

Grades: 10, 11, 12

Prerequisites: None

Location: Kalamazoo Institute of Arts

Deepen your creativity and visual arts skills at the Kalamazoo Institute of Arts. Take advantage of the professional facilities, equipment, and master guest artists. This studio class offers advanced study in sculpture, oil painting, jewelry, photography, welding, printmaking, ceramics, and more. Develop a Visual Arts Portfolio and learn presentation skills to apply for college scholarships and student art shows.

Visual Arts Exploration

[MAC] Visual, Performing, and Applied Arts

2 Semesters - 2.0 Credits

Course # 20501

Grades: 10, 11, 12

Prerequisites: None

Location: Kalamazoo Institute of Arts

Explore creating sculpture, photography, jewelry, painting, and more at the Kalamazoo Institute of Arts. Work alongside practicing professional artists as they share their art-making knowledge and expertise.

2025 - 2026

Kalamazoo County Early/Middle College Program Overview

Overview

The Early/Middle College (EMC) program is an opportunity for students to earn an associate's degree or certificate along with their high school diploma. Students will be able to save both time and money as they pursue a college degree and access support services designed to enhance their success as they work towards achieving their educational goals.

How does EMC work?

Students are enrolled in a focused program of study at Kalamazoo Valley Community College. Students have an additional 13th year of high school for program completion. The local school district pays the tuition and fees up to an allocated amount.

The EMC program is structured so that students gradually increase their exposure to college courses over a five-year span:

- Initially (9th/10th grades), the bulk of the student schedule is comprised of traditional high school classes.
- As the student progresses through their educational plan, they will be exposed to more and more college courses.
- By the time they reach 13th grade (or 5th year), all of their coursework will be on-site at
- Kalamazoo Valley Community College.

What additional supports are available through EMC?

Students who participate in EMC also receive support services to assist them in their transition from high school to college:

- All EMC students take a College Success Strategies Course in 10th grade to enhance their academic preparation, study skills development, and social maturity skills.
- All EMC students have a coach that they meet with regularly.

What programs are available?

Students may participate in one of the following programs. For specific options within each program, please refer to the EMC website at www.kresa.org/emc.

Early/Middle College (EMC) Programs

Programs

Degrees in Associate of Applied Science (AAS)

AAS degrees are occupational in orientation and are designed to prepare graduates for immediate employment. They require successful completion of a minimum of 62 credit hours. The programs of study are:

- Accounting
- Administrative Assistant
- Automotive Undercar Systems
- Business Administration
- Culinary Arts & Sustainable Food Systems
- Emergency Medical Services
- General Marketing
- Graphic Design
- IT Support Technician
- Machine Tool Technology

Certificates (CERT)

Certificate programs prepare graduates for a specialized occupation. They require the successful completion of 30 credit hours or more. The programs of study are:

- Administrative Support
- Culinary Arts & Sustainable Food Systems
- General Automotive Service
- Graphic Design
- Machinist
- Office Management

Certificates of Achievement (COA)

Certificate of Achievement programs require fewer courses than a regular certificate program providing training in a specific set of skills for employment in a specific occupation. They require successful completion of more than 3 but less than 30 hours of credit. The programs of study are:

- Auto Brake Systems
- Auto Steering & Suspension
- CNC Operator
- Desk Side Support
- Dietary Manager
- Emergency Medical Technology - Basic
- Machine Tool Operator
- Network Manager
- Office Support Specialist
- PC Support Technician
- Software Specialist
- Welding Constant Current (CC) Processes
- Welding Constant Voltage (CV) Processes
- Word Processing Specialist

Transfer Degrees in Associate of Arts (AA) or Associate of Science (AS)

AA or AS degrees are for students planning to transfer to a four-year university. They require successful completion of a minimum of 62 credit hours.

The programs of study for Associate of Arts (AA) are:

- Business Administration
- Computer Info Systems
- Criminal Justice
- Elementary Education
- Secondary Education
- Social Work
- Studio Art

The programs of study for Associate of Science (AS) are:

- Aviation Technology
- Biological Sciences
- Computer Science
- Engineering

Edmentum Courseware

Edmentum Courseware was adopted in the spring of 2023 as a replacement for our previous credit recovery program, Pearson Gradpoint. Courseware offers an engaging and relevant curriculum for a variety of courses allowing students to earn initial and recovery credits. The KPS courses from Courseware are below.

Course #	Course Name	Course #	Course Name
10251CW	Art History & Appreciation – CW	70104CW	Biology A – CW
10622CW	Digital Photography 1a: Introduction – CW	70105CW	Biology B – CW
10623CW	Digital Photography 2 – CW	70201CW	Chemistry: Foundations – CW
1101CW	Career Discovery – CW	70302CW	Physics A – CW
30102CW	English 9 A – CW	70303CW	Physics B – CW
30103CW	English 9 B – CW	70514CW	Earth and Space Science A – CW
30202CW	English 10 A – CW	70515CW	Earth and Space Science B – CW
30203CW	English 10 B – CW	70522CW	Environmental Science A – CW
30302CW	English 11 A – CW	70523CW	Environmental Science B – CW
30303CW	English 11 B – CW	70534CW	Forensic Science I – CW
30402CW	English 12 A – CW	70535CW	Forensic Science II – CW
30403CW	English 12 B – CW	70612CW	Physiology – CW
30501CW	Creative Writing – CW	70613CW	Anatomy – CW
30561CW	Journalism 1a: Introduction – CW	80102CW	World History A – CW
40521CW	Nutrition and Wellness – CW	80103CW	World History B – CW
40531CW	Real World Parenting – CW	80202CW	US History A – CW
45101CW	Health – CW	80203CW	US History B – CW
45301CW	Health Science: Whole Individual – CW	80302CW	Government A – CW
50002CW	Accelerate to Algebra A – CW	80303CW	Government B – CW
50102CW	Algebra I A – CW	80311CW	Economics – CW
50103CW	Algebra I B – CW	80521CW	Anthropology I – CW
50202CW	Geometry A – CW	80541CW	Careers in Criminal Justice – CW
50203CW	Geometry B – CW	80544CW	Law & Order: Intro to Legal Studies – CW
50302CW	Algebra II A – CW	80561CW	Sociology – CW
50303CW	Algebra II B – CW	80641CW	Women's Studies: Through Film – CW
50522CW	Precalculus A – CW	80651CW	Anthropology II – CW
50523CW	Precalculus B – CW	90112CW	Spanish I A – CW
50531CW	Probability and Statistics – CW	90113CW	Spanish I B – CW
50542CW	Financial Mathematics A – CW	90122CW	Spanish II A – CW
50543CW	Financial Mathematics B – CW	90123CW	Spanish II B – CW
50551CW	Consumer Mathematics – CW	90212CW	French I A – CW
60601CW	Music Appreciation – CW	90213CW	French I B – CW
65611CW	Personal Fitness – CW		

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Four (4.0) credits are required for graduation:

Graduation requirements include four (4.0) credits in English during grades 9-12. Specific English course options are required each year in grades 9-12.

9th Grade	10th Grade	11th Grade	12th Grade
English 9 OR Honors English 9	English 10 OR Honors English 10	English 11 OR Honors English 11 OR AP English Language	English 12 OR College English OR AP English Literature OR AP English Language OR Advanced Journalism

Current English Courses	
Course	Credits
Advanced Journalism	0.5
AP English: Language & Composition	1.0
AP English: Literature & Composition	1.0
African American Literature	0.5
College English	1.0
Creative Writing*	0.5
English 9	1.0
English 10	1.0
English 11	1.0
English 12	1.0
Honors English 9	1.0
Honors English 10	1.0
Honors English 11	1.0
Journalism*	0.5
Literacy Across the Content Areas	1.0
Literacy Essentials in the Secondary Classroom	0.5
Literature Through Films*	0.5
Novels of Choice	0.5
Strategic Reading	0.5
Yearbook*	1.0

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Current Performance English Courses

Advanced Drama*	1.0
Advanced Improvisation	0.5
Debate*	0.5
Drama*	0.5-1.0
Forensics*	0.5
Public Speaking*	0.5
Slam Poetry: Writing and Performance*	0.5

*These courses can be used toward fulfilment of the Visual, Performing, and Applied Arts credit to meet MMC.

Literacy Academic Support Courses

Literacy Across the Content Areas

2 Semesters • 1.0 Credit

Course #: 3004-45

Co-requisite: Core Content Courses

This class focuses on developing reading comprehension, word identification strategies, and writing process skills necessary for success in English and cross curricular courses. Students will receive instruction based on diagnostic and content based assessments.

Literacy Essentials in the Secondary Classroom

1 Semester 0.5 Credit

Course #: 3002-456

Co-requisite: English 9

This course is designed to help students improve their independent reading level and increase reading comprehension, word identification strategies, and fluency. This class provides balanced literacy instruction in reading and writing. Students will receive instruction based on diagnostic assessments to increase their instructional level using read-alouds, shared reading, guided reading and independent reading. Genre studies will include fiction, nonfiction, articles, textbooks and other written material. Successful completion of the course will help students succeed in cross curricular classes.

Strategic Reading

1 Semester 0.5 Credits

Course #: 3001-789

Co-requisite: English 9

This course focuses on the foundational areas of literacy instruction: individual reading growth, reading comprehension and critical thinking, word knowledge and vocabulary, speaking and writing about selected texts, and reading topics. Students will receive instruction based on diagnostic assessments to increase their reading and writing.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

9th Grade Required English Courses

[R] English 9 A

1 Semester • 0.5 Credit

Course #: 3010-2

Prerequisite: None

This course is the first section of a two-semester 9th grade English requirement. This course meets the English requirement for all 9th grade students in their first year of high school. It is a foundation course in basic literary exploration, composition and language study, focusing particularly on writing process, reading process, academic vocabulary and poetic forms, archaic language, and dramatic theory.

AND

[R] English 9 B

1 Semester • 0.5 Credit

Course #: 3010-3

Prerequisite: English 9 A

This course is the second section of a two-semester 9th grade English requirement. This course meets the English requirement for all 9th grade students in their first year of high school. It is a foundation course in dramatic theory, historical context as it applies to literature, memoir, epic poetry, archaic language, and character analysis.

OR – Honors Level

Honors English 9 A

1 Semester • 0.5 Credit

Course #: 3012-2

Prerequisite: None

This course is the first section of a two-semester 9th grade Honors English requirement. This course meets the English requirement for all 9th grade students in their first year of high school. It is an advanced foundations course blending anchor texts with linking texts that focus particularly on writing process, reading strategies, vocabulary, and poetic forms. Study has rigorous, accelerated pacing and is independently driven.

AND

Honors English 9 B

1 Semester • 0.5 Credit

Course #: 3012-3

Prerequisite: Honors English 9 A

This course is the second section of a two-semester 9th grade Honors English requirement. This course meets the English requirement for all 9th grade students in their first year of high school. It is an advanced foundations course blending anchor texts with linking texts that focus particularly on dramatic theory, historical context as it applies to literature, memoir, epic poetry, archaic language, and character analysis. Study has rigorous, accelerated pacing and is independently driven.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

10th Grade Required English Courses

[R] English 10 A

1 Semester • 0.5 Credit

Course #: 3020-2

Prerequisite: none

English 10 Section A is an exploration of American literature, focusing on the impact that history has had on its development. The course invites students to become more analytical readers and writers, engaging with a variety of literary texts, including short stories, poetry, and novels, while examining the historical contexts that shaped these works. By the end of English 10A, students will not only have a better understanding of American literature and its historical influences but will also be equipped with critical thinking, digital literacy, research, reading, writing, and oral communication skills that are essential for their academic and personal growth.

AND

[R] English 10 B

1 Semester • 0.5 Credit

Course #: 3020-3

Prerequisite: English 10 A

The goal of English 10 Section B is to continue to build upon knowledge, skills, and strategies gained in English 10A. The course further explores a diverse selection of American literature, including but not limited to American speeches, dramas, and novels, with a strong thematic focus on justice and the American Dream. Through this exploration, students will deepen their understanding of the historical context that has influenced these themes. Additionally, by the end of English 10B, students will be equipped with critical thinking skills and will demonstrate these skills through digital literacy, research, reading, writing, and oral communication.

Honors English 10 A

1 Semester • 0.5 Credit

Course #: 3022-2

Prerequisite: None

Honors English 10A is a rigorous and accelerated language arts course, which is an exploration of American literature. It is a pathway for students who have previously excelled in the area of English Language Arts and have interest in taking advanced ELA courses such as AP Literature and/or AP Language and Composition. The goal of this course is to challenge students as they become more analytical readers and writers, engaging with a variety of literary texts, including short stories, poetry, and novels, while examining the historical contexts that shaped these works. By the end of Honors English 10A, students will not only have a better understanding of American literature and its historical influences but will also be equipped with advanced critical thinking, digital literacy, research, reading, writing, and oral communication skills that are essential for their academic and personal growth.

AND

Honors English 10 B

1 Semester • 0.5 Credit

Course #: 3022-3

Prerequisite: Honors English 10 A

The goal of Honors English 10B is to continue to build upon knowledge, skills, and strategies gained in Honors English 10A. It is a rigorous and accelerated language arts course, which serves as a pathway for students who have previously excelled in the area of English Language Arts and have an interest in taking advanced ELA courses such as AP Literature and/or AP Language and Composition. The course explores a diverse selection of American literature, including but not limited to American speeches, dramas, and novels, with a strong thematic focus on justice and the American Dream. Through this in-depth exploration, students will deepen their understanding of the historical context that has influenced these themes. Additionally, by the end of Honors English 10B, students will be equipped with advanced critical thinking skills and will demonstrate these skills through digital literacy, research, reading, writing, and oral communication.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

11th Grade Required English Courses

Eleventh grade students may also take AP English Language and Composition to fulfill the 11th grade requirement. See the course description on page 83.

[R] English 11 A

1 Semester • 0.5 Credit

Course #: 3030-2

Prerequisite: None

English 11A, a rigorous course, builds on the solid foundation from English 10A and 10B. The skills and strategies extend and engage the students in more complex ideas and prepare them for the Michigan Merit Exam and post-secondary experience. Students read classic texts, poetry, and drama with a special emphasis on British literature. Formative and summative assessments include essays, performances, projects, and presentations.

[R] English 11 B

1 Semester • 0.5 Credit

Course #: 3030-3

Prerequisite: English 11 A

English 11B continues to build on the various genres of classic, contemporary narrative, and informational texts read and analyzed in English 11A. Through the study of transformational literature, students connect, respond, and analyze various texts in order to reflect on personal ambitions, expectations, goals, and preparation for collegiate level studies. Formative and summative assessments will include essays, performances, and presentations. Students will engage in critical thinking activities and discussion around complex contemporary issues.

OR – Honors Level

Honors English 11 A

1 Semester • 0.5 Credit

Course #: 3032-2

Prerequisite: None

Honors English 11A, an accelerated course focusing on British and Post-Colonial literature, builds on the solid foundation from Honors English 10A and 10B. The skills and strategies extend and engage students in more complex ideas in preparation for the Michigan Merit Exam, College English, AP Literature and/or AP Language and Composition, and the post-secondary experience. Students read classic literature that includes Chaucer and Shakespeare. Students use informational texts to master the argumentative essay. Formative and summative assessments include essays, performances, projects, and presentations.

AND

Honors English 11 B

1 Semester • 0.5 Credit

Course #: 3032-3

Prerequisite: Honors English A

Honors English 11B continues to build on the various genres of classic, contemporary narrative, and informational texts read and analyzed in Honors English 11A. Through study of transformational literature, students expand their analysis to include historical and cultural perspectives. Students provide in-depth response and analysis to various texts in order to reflect on personal ambitions, expectations, goals, and preparation for collegiate level studies. Students read contemporary narratives that may include Swift, Orwell, Dangarembga, and Bellamy. Formative and summative assessments will include essays, performances, and presentations.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

12th Grade English Courses

Each 12th grader is required to choose one (1) of the following English courses during their senior year to complete the graduation requirement: English 12, College English, Advanced Journalism, AP English Literature and Composition, or AP English Language and Composition.

English 12 A

1 Semester • 0.5 Credit

Course #: 3040-2

Prerequisite: English 11

English 12 focuses on contemporary literature that addresses social issues and explores the relationship between the individual and society. Students will learn a variety of literary theories as tools to critically analyze texts and the world around them from multiple perspectives. In English 12A, students will read and write about texts that explore the forces and experiences that shape identity. Students will develop a more complex understanding of identities, beyond the categories that are often applied to them. Students will explore how cultural norms, dominant versus marginalized status, and the intersectionality of identities influence how individuals understand themselves and how society views them.

AND

English 12 B

1 Semester • 0.5 Credit

Course #: 3040-3

Prerequisite: English 12 A

In English 12B, students will examine ideas of justice and injustice on a systemic level, analyzing how identity and power play a role in the legal system, the labor market and schools. Students will read texts that explore both systems of oppression and social justice movements in different contexts. Finally, students will complete a cumulative research project around a social issue in order to create a plan of action for change.

OR

College English A

1 Semester • 0.5 Credit

Course #: 3042-2

Prerequisite: None

This course is recommended for seniors who have had some work in Honors English courses. It introduces students to extensive reading in world literature and humanities. A re-emphasis and extension of writing skills will focus on style and logic. Both problem solving and research papers are required.

AND

College English B

1 Semester • 0.5 Credit

Course #: 3042-3

Prerequisite: College English A

This is the second section of College English.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

English Electives

African-American Literature

1 Semester • 0.5 Credit

Course #: 3062-1

Prerequisite: None

This is an exploratory course that examines the writings and teachings of African-American literary figures. The course will begin with the Harlem Renaissance and move through the decades, ending with the current times. Through the use of guest speakers, short stories, novels and films, the social political and historical perspectives of African-Americans will be examined.

Creative Writing

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3050-1

Prerequisite: None

This course focuses on the writing of prose and poetry. While the works of professional writers will be examined, primary emphasis will be on developing the student's own writing style, technical vocabulary, and critical analysis. Students should expect an intensive writing experience, both in and out of class.

Journalism

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3056-1

Prerequisite: None

This introductory course is for students who wish to participate in the production of school publications or are considering a professional career in journalism. Students will study journalism ethics, student press law and writing in the categories of news, editorial, feature and sports. Photojournalism and desktop publishing will also be topics of study.

Advanced Journalism

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3057-456

Prerequisite: Journalism

Scheduling Note: May be elected for 1 or 2 semesters.. A minimum of two consecutive semesters is recommended.

This is an advanced skills course for students producing the school newspaper. Writing, typing, photography, page design, and advertising sales are included.

Literature Through Films

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3058-1

Prerequisite: None

Students will explore various models of discourse using film. Students will develop analytical writing skills in critical review of the literature.

Novels of Choice

1 Semester • 0.5 Credit

Course #: 3059-1

Prerequisite: None

This course stresses reading and writing. Students will select and read novels of their choice from the list of books approved by KPS and analyze them, both verbally and in writing.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Yearbook

[MAC] Visual, Performing & Applied Arts

2 Semesters • 1.0 Credits

Course #: 1570-789

Prerequisite: Application and yearbook instructor recommendation is required. Students should have experience and be able to demonstrate their skills in one or more of the following: computer, typing, photography, operation of cameras, and writing.

This course may be elected more than once. May be offered as an extracurricular activity for no credit. Check with your counselor. Students participate in the production of the school yearbook. Students are responsible for photography, layout, copywriting, advertising, and book sales.

Yearbook may be offered as an extra-curricular activity for no credit. Check with your counselor.

Performance English Electives

Debate

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit Course #: 3051-1 Prerequisite: None

Students will learn the fundamentals of debating. Debate classes will either explore Legislative or Policy Debate styles. The class will develop extensive research skills, abilities in proper procedure, and effective strategies for persuasive speaking. Students will judge, and be judged, by their peers on argumentation ability, delivery style, knowledge of the topic, and decorum. Participation at a local tournament may be required.

Drama I – Acting for the Stage

[MAC] Visual, Performing, and Applied Arts

1 Semester • 0.5 Credit

Course #: 3052-1

Prerequisite: None

Students will study acting fundamentals and techniques by exploring movement, characterization and improvisation. Dramatic plays, playwriting, and voice work will also be incorporated. These studies will culminate in the presentation of memorized scenes and a final monologue performance. Other opportunities include auditioning for the school play, the musical, forensics, improvisation team, or working backstage for stage crew. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Drama II – Acting for the Stage

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3053-1

Prerequisite: Drama I - Acting for the Stage

Students will explore dramatic elements such as comedy and the power of storytelling coupled with play analysis and the rehearsal process, ending with a student produced final production. Other opportunities include auditioning for the school play, the musical, forensics, impromptu team, or working backstage for stage crew. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Advanced Drama I

1 Semester • 0.5 Credit

Course #: 3054-4

Grades: 10, 11, 12

Prerequisites: Drama I - Acting for the Stage and Drama II - Acting for the Stage

Scheduling Note: It is recommended that these courses are taken sequentially for the purpose of developing ensembles.

Students will develop their acting skills in an intense classroom setting. Students will work on advancing their improv skills and developing as an ensemble. The actors will examine the script writing process while working to advance their auditioning and directing techniques. The first section of the course will culminate in a workshop or performance. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Advanced Drama II

1 Semester • 0.5 Credit

Course #: 3054-5

Grades 10, 11, 12

Prerequisite: Advanced Drama I

This course is a continuation of Advanced Drama I with a concentrated focus on creating an audition portfolio, scene study, and writing, directing, and acting in a final public performance piece. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Advanced Improvisation

1 Semester • 0.5 Credit

Course #: 3054-6

Prerequisite: Drama II

Scheduling Note: This course may be repeated

This course is designed for students interested in developing and advancing their skills in the art of improvisation theatre. Students will also study and generate from Improv Olympics, Second City, and Upright Citizens Brigade for source materials. Students will create and write sketch comedy on top of creating and working with local artists to develop strong collaborative and community connections. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Forensics

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3055-1

Prerequisite: None

Scheduling Note: This course may be repeated

Students will master the techniques for competition in individual speaking events including humorous, dramatic and multiple reading, extemporaneous speaking, oratory, and informative speaking. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Public Speaking

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3060-1

Prerequisite: None

Scheduling Note: This course may be repeated

This course offers the student strategies and skills on how to become a better, more articulate speaker. Each student will present individual speeches throughout this course and learn how to critique themselves as well as their peers. Preparation includes research, outlining, and writing. This class is recommended for students interested in Debate, Mock Trial, Forensics, and Model United Nations. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Slam Poetry: Writing and Performance

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 3061-1

Prerequisite: None

Scheduling Note: This course may be repeated.

A course of study in advanced poetry writing, with an emphasis on performance. This class will teach students to develop individual poems based on life experience, current events, political trends, and social interaction. Students will then learn a variety of reading and performance techniques designed to accentuate the quality of their written work. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

English

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Advanced Placement Courses

[W]= Weighted Grade Value (see page 24)

[C] = College Credit Available - *Students can earn college credit by taking any of the following Advanced Placement courses and passing the AP Exam.*

Advanced Placement courses are intended for students in grades 10-12.

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester. A packet with detailed course information is available in the principal's office.

[AP] [W] [C] Advanced Placement English: Language and Composition

2 Semesters 1.0 Credits

Course #: 3091-789

Prerequisite: None

This course will enable students to write effectively and confidently in their college courses and in their professional life. It emphasizes expository, analytical, and argumentative writing and reading of non-fiction articles, essays, and full-length works. Students will learn to analyze and synthesize this material and to use conventions correctly to cite works in MLA, Chicago, and APA styles. The course will help students move beyond the typical five-paragraph essay and to write more maturely. This course may be taken by itself or followed by AP English: Literature and Composition.

[AP] [W] [C] Advanced Placement English: Literature and Composition

2 Semesters 1.0 Credits

Course #: 3092-789

Prerequisite: None

Students are introduced to writing styles which are adaptable to different college level writing needs. Included are the reading and oral/written analysis of varieties of discursive prose with the purpose of enabling students to produce effective writing. Students develop critical standards for appreciation of any literary work.

English Language Development (ELD)

Current English Language Development Courses	
Course	Credits
ELD 1: Entering	1.0
ELD 2: Emerging	1.0
ELD 3: Developing	1.0
ELD 4: Expanding	1.0

ELD 1 - Entering

ELD 1: Entering A

1 Semester • 0.5 Credit

Course #: 3510-7

Prerequisite: Must have approval of the bilingual staff and Dean of Students

This introductory course focuses on building foundational English language skills for students at the Entering proficiency level. Emphasis is placed on developing basic listening and speaking abilities, including the use of simple vocabulary and sentence structures. Students will learn to respond to greetings, follow simple instructions, and engage in basic conversations about immediate needs. Visual aids and interactive activities are integral to fostering comprehension and engagement.

ELD 1: Entering B

1 Semester • 0.5 Credit

Course #: 3510-8

Prerequisite: Approval of bilingual staff and Dean of Students

This course builds upon the foundational skills developed in ELD 1: Entering A. Students will expand their vocabulary and begin constructing slightly more complex sentences. The focus shifts to improving comprehension of simple written texts and engaging in brief, structured dialogues. Students will also begin to explore the basics of English grammar, such as articles, prepositions, and subject-verb agreement.

ELD 2 - Intermediate

These courses are designed for students who place at level 2 or 3 on the WIDA (English Language Proficiency Assessment).

ELD 2: Emerging A

1 Semester • 0.5 Credit

Course #: 3520-7

Prerequisite: Approval of bilingual staff and Dean of Students

Designed for students at the Emerging proficiency level, this course introduces the ability to express ideas using short phrases and simple sentences. Students will engage in structured conversations, comprehend basic texts, and practice forming questions and responses in familiar contexts. Instruction includes collaborative tasks and frequent opportunities to use new vocabulary in practical scenarios.

ELD 2: Emerging B

1 Semester • 0.5 Credit

Course #: 3520-8

Prerequisite: Approval of bilingual staff and Dean of Students

This course builds upon the skills developed in ELD 2: Emerging A. Students will focus on constructing more accurate and longer sentences, improving their ability to narrate events and describe routines. The curriculum emphasizes reading comprehension through slightly longer passages and the development of short written paragraphs. Students will gain confidence in using English in both social and academic settings.

English Language Development (ELD)

ELD 3 - Developing

These courses are designed for students who place at level 3 or 4 on the WIDA (the English Language Proficiency Assessment).

ELD 3: Developing A

1 Semester • 0.5 Credit

Course #: 3530-7

Prerequisite: Approval of bilingual staff and Dean of Students

This course aligns with English 9 standards and focuses on developing skills to analyze literature and informational texts. Students will learn to identify themes, central ideas, and key details in grade-appropriate texts. Writing instruction emphasizes constructing organized multi-paragraph essays, including argumentative and narrative forms. Speaking and listening activities include collaborative discussions and short oral presentations. Grammar instruction targets sentence variety, coherence, and the correct use of conventions.

ELD 3: Developing B

1 Semester • 0.5 Credit

Course #: 3530-8

Prerequisite: Approval of bilingual staff and Dean of Students

This course builds on the skills from ELD 3: Developing A, continuing alignment with English 9 standards. Students will analyze complex texts, evaluate arguments, and synthesize information across multiple sources. Writing instruction includes argumentative essays with supporting evidence and narrative writing that uses dialogue and descriptive details. Students will also deliver structured oral presentations, integrating multimedia where appropriate. Advanced grammar topics such as verb tenses, parallel structure, and transitions are introduced.

ELD 4 - Expanding

ELD 4: Expanding A

1 Semester • 0.5 Credit

Course #: 3502-45

Prerequisite: Must have approval of bilingual staff and Dean of Students

This course aligns with English 10 standards, focusing on refining academic language skills. Students will engage in detailed analysis of literary and informational texts, identifying how authors use structure, figurative language, and rhetorical devices to achieve purpose. Writing assignments emphasize constructing persuasive, expository, and narrative essays with textual evidence. Collaborative discussions and debates are designed to enhance speaking and listening skills. Grammar instruction includes complex sentence structures and advanced usage of conventions.

ELD 4: Expanding B

1 Semester • 0.5 Credit

Course #:

Prerequisite: Must have approval of bilingual staff and Dean of Students

Building upon ELD 4: Expanding A, this course continues alignment with English 10 standards and prepares students for mainstream academic coursework. Students will analyze themes and arguments across texts, compare multiple perspectives, and evaluate authorial choices. Writing tasks include research-based essays and formal reports, integrating citation and evidence. Speaking and listening activities include delivering persuasive presentations and participating in formal debates. Instruction emphasizes nuanced grammar use, such as conditional clauses and passive voice.

English Language Development - Integrated

ELD Curriculum Structure



High-quality education for newcomer students builds on their unique strengths and supports their development in ways that enable them to reach their full potential. Newcomers who need to develop English proficiency require instruction that addresses the simultaneous development of English proficiency and grade-level concepts and skills. English Language Development (ELD) is guided by the WIDA ELS Standards Framework that is centered on equity and fosters the assets, contributions, and potential of multilingual learners.

Current English Language Development Integrated Courses	
Course	Credits
ELD Literacy	1.0
ELD Numeracy (Algebra)	1.0
ELD Science (Earth Science)	1.0
ELD Social Studies United States History	1.0
ELD Social Studies World History	1.0

English Language Development - Integrated

ELD Literacy A

1 Semester • 0.5 Credit

Course #: 354307

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

This course is tailored to support Multilingual Learners (MLs) in developing essential literacy skills in the English language. This course offers a comprehensive approach to improving reading, writing, listening, and speaking skills. Through engaging activities and interactive lessons, students will gain confidence and proficiency in the fundamental aspects of English Language Arts (ELA) to enhance their academic and everyday communication abilities. Students are provided interactive and collaborative opportunities to express their own ideas as well as to question, interpret and evaluate the ideas of others.

ELD Literacy B

1 Semester • 0.5 Credit

Course #: 354308

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

This course is tailored to support Multilingual Learners (MLs) in developing essential literacy skills in the English language. This course offers a comprehensive approach to developing strategies for understanding and analyzing a wide range of texts, from fiction to informational materials. Fostering the ability to analyze, evaluate, and respond critically to literary and information texts. Through engaging activities and interaction lessons, students will gain confidence and proficiency in the fundamental aspects of English Language Arts (ELA) to enhance their academic and everyday communication abilities. Students are provided interactive and collaborative opportunities to express their own ideas as well as to question, interpret and evaluate the ideas of others.

ELD Numeracy A (Algebra I A)

1 Semester • 0.5 Credit

Course #: 354507

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

This first semester course introduces foundational algebraic concepts, such as solving linear equations, graphing functions, and understanding proportional relationships. Students will build key academic vocabulary and comprehension of math-specific language while developing problem-solving strategies. Instruction emphasizes scaffolded support, real-world applications, and collaborative learning to ensure multilingual learners achieve success. Successful completion of ELD Numeracy A earns Algebra IA credit.

ELD Numeracy B (Algebra I B)

1 Semester • 0.5 Credit

Course #: 354508

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

Building on ELD Numeracy A, this second semester course delves deeper into algebraic concepts, including quadratic equations, inequalities, and systems of equations. Students continue to enhance their mathematical reasoning and academic language skills, focusing on applying concepts to real-world scenarios. Instruction includes peer collaboration, data analysis, and preparation for further mathematics coursework. Successful completion of ELD Numeracy B earns Algebra IB credit.

ELD Science A (Earth Science A)

1 Semester • 0.5 Credit

Course #: 354702

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

This first semester course focuses on core Earth Science topics, such as weather patterns, the water cycle, and ecosystems. Students develop academic language skills to explain scientific phenomena, interpret data, and describe natural processes. Instruction is scaffolded with hands-on activities and visual support to make complex content accessible for multilingual learners. Successful completion of ELD Science A earns Earth Science A credit.

English Language Development - Integrated

ELD Science B (Earth Science B)

1 Semester • 0.5 Credit

Course #: 354703

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

The second semester builds on ELD Science A, covering topics such as plate tectonics, Earth's resources, and environmental change. Students refine their academic language skills by analyzing scientific data, constructing explanations, and engaging in collaborative projects. This course prepares students for advanced science coursework. Successful completion of ELD Science B earns Earth Science B credit.

ELD Social Studies – United States History A

1 Semester • 0.5 Credit

Course #: 3548022

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

This first semester course introduces key themes in U.S. history, from the colonial period through the Civil War. Aligned with U.S. History standards, students build academic language skills while analyzing primary sources, constructing timelines, and engaging in discussions about historical events. Instruction includes scaffolded activities to support multilingual learners in understanding the foundations of American history. Successful completion of ELD United States History A earns United States History A credit.

ELD Social Studies – United States History B

1 Semester • 0.5 Credit

Course #: 3548023

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

The second semester builds on ELD U.S. History A, covering Reconstruction, industrialization, and the Civil Rights Movement. Students refine their academic vocabulary and critical thinking skills by evaluating historical texts, participating in debates, and producing written analyses of key events. Successful completion of ELD United States History B earns United States History B credit.

ELD Social Studies – World History A

1 Semester • 0.5 Credit

Course #: 3548012

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

In this first semester course, students explore the foundations of world history, including early civilizations, cultural exchanges, and the rise of major empires. Aligned with World History standards, the course focuses on developing academic vocabulary, reading historical texts, and engaging in discussions. Students practice critical thinking by analyzing primary sources and making connections to modern global issues. Successful completion of ELD World History A earns World History A credit.

ELD Social Studies – World History B

1 Semester • 0.5 Credit

Course #: 3548013

Prerequisite: Approval of Multilingual Learners staff and Dean of Students

The second semester expands on the themes of ELD World History A, focusing on major revolutions, industrialization, and global conflicts. Students refine their language skills through argumentative writing, group projects, and oral presentations. The course emphasizes historical analysis and prepares students for future social studies coursework. Successful completion of ELD World History B earns World History B credit.

Family and Consumer Science

Current Family and Consumer Science Courses	
Course	Credits
Consumer Education	0.5
Essential Living Skills	1.0
Family, Career and Community Leaders of America (FCCLA) Exploration	1.0
Food and Nutrition	0.5
Parenting	1.0

Consumer Education

1 Semester • 0.5 Credit

Course #: 4050-1

Prerequisite: None

This course offers students an opportunity to meet the challenges of an independent lifestyle. Emphasis is placed on responsible consumer decision making in areas of transportation, housing, insurance, and credit use. Learning activities include managing balancing a checking account, selecting and evaluating credit needs, renting apartments, and other real life simulations.

Essential Living Skills A

1 Semester • 0.5 Credit

Course #: 4051-2

Prerequisite: None

This course is for students who desire to explore a more in-depth view of the many areas that life management encompasses. Students will learn about employability skills, family, career and community roles, and responsibilities as a consumer. Students will also learn about conditions that influence human growth and development as well as ways to take responsibility for their overall nutrition and wellness.

AND

Essential Living Skills B

1 Semester • 0.5 Credit

Course #: 4051-3

Prerequisite: None

Students will learn how to demonstrate respectful, caring relationships, and leadership skills in the family, workplace and community. Students will examine the roles and responsibilities of different types of relationships, such as employee/ employer, family and friendships. Additionally, students will learn how to communicate in a way that promotes positive relationships. Students will also participate in many hands-on learning activities.

Family and Consumer Science

Family, Career and Community Leaders of America (FCCLA) Exploration A

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 4054-2

Prerequisite: None

Site: Kalamazoo Central High School Only

This course is designed to promote personal growth and leadership development of students, with a focus on the multiple roles that students will have throughout their lives as a family member, wage earner, and community member. Students will develop skills for life through character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation. Units of study will include Personal Goal Setting, Financial Fitness, Career Exploration, Employability Skills, Family Wellness, and Student Health and Wellness.

AND

Family, Career and Community Leaders of America (FCCLA) Exploration B

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 4054-3

Prerequisite: None

Site: Kalamazoo Central High School Only

This course is designed to promote personal growth and leadership development of students, with a focus on the multiple roles that students will have throughout their lives as a family member, wage earner, and community member. Students will develop skills for life through character development, creative and critical thinking, interpersonal communication, practical knowledge, and career preparation. Units of study will include: Community Service, Community Traffic Safety, Violence Prevention, and Dynamic Leadership.

Food and Nutrition

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 4052-1

Prerequisite: None

This course provides a basic comprehensive overview on food and nutrition, wellness, consumer skills, food preparation, food safety, and food science. The course will also assist students in considering the complexity of their environment and overall wellness in making choices about diet and behavior. Areas of instruction include basic methods of cooking and introduction to the food pyramid including health food selection practices.

Parenting A

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course#: 4053-2

Prerequisite: None

This course focuses on important issues related to raising and working with healthy, productive children and building positive parent-child relationships. Units of study focus on the roles and responsibilities of parenthood, the physical and emotional factors related to parenting, and preparing for childhood. Instructional strategies will include numerous hands-on projects and real-life simulations including the "Baby-Think-It-Over" program. Traits of healthy families are identified and explored, including pregnancy nutrition and care. Students planning on working with children in a personal and/or professional capacity will benefit from this course.

AND

Parenting B

[MAC] Visual, Performing & Applied Arts

1 Semester 0.5 Credit

Course #: 4053-3

Prerequisite: None

This course focuses on the following themes as it relates to parenting: the family foundation, strengthening relationships, decision-making skills, and personal development. These principles will be applied to the various ages and stages of human development. Students will also learn infant/child cardiopulmonary resuscitation (CPR) and other health and safety factors which relate to raising and working with children. Students planning on working with children in a personal and/or professional capacity will benefit from this course.

Health

Key: [R] – Required Course

Current Health Courses

Course	Credits
Advanced Health	0.5
Health: A Wellness Approach	0.5

Advanced Health

1 Semester • 0.5 Credit (elective)

Course #: 4520-1

Prerequisite: Health: A Wellness Approach

This is a project-based course. Using the inquiry model of instruction, students will develop skills in the following areas as they relate to potential careers in the health field: problem-solving, communication, and research design.

[R] Health: A Wellness Approach

1 Semester • 0.5 Credit

Course #: 4510-1

Prerequisite: None

This course will provide students with the opportunity to explore a wellness approach to fitness, nutrition, mental and emotional health, drugs and alcohol, stress management and personal relationships. The topic of reproductive health, including HIV, AIDS, and STIs, will also be included. In addition, an introduction to first-aid, including CPR, will be covered.

Leadership

Current Leadership Courses	
Course	Credits
Future Michigan Educator Course 3	0.5
Link Crew Leadership	0.5

Future Michigan Educator Course 3

1 Semester • 0.5 Credit

Course #: 55201

Grades 9 and 10

This course is for all students who have an interest in education and educational related careers including teacher, counselor, and administrator to name a few. This course will review concepts related to cultivating healthy equitable learning communities that support a wide variety of cultures, and other socio and economic factors. This course will also have a strong experiential component where students use their skills to tutor younger students. Students that successfully complete the course will be eligible for employment in the KPS summer readiness program.

Link Crew Leadership

1 Semester • 0.5 Credit

Course #: 5510-456

Recommended for students interested in developing strong leadership skills and being a member of LINK Crew.

Students taking this course will conceive, plan, execute, and evaluate a variety of school activities relating to transition of freshmen into high school. Participants will be trained in necessary leadership and life skills such as setting and accomplishing goals; collaborating with others; effective communication; time management; meeting deadlines; and problem-solving. This course seeks to foster students' understanding of themselves and their capacity for leadership, and the importance of their leadership role in mentoring the members of the freshmen class. This course is available for repeat credit.

Mathematics

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Four (4.0) credits are required for graduation:

Students are required to earn four (4.0) math credits to meet the graduation requirement. Included in the four credits are the required courses: Algebra I, Geometry, and Algebra II. All students must have a math experience in their final year of high school.

Current Math Courses	
Course	Credits
AP Calculus	1.0
AP Precalculus	1.0
AP Statistics	1.0
Algebra I	1.0
Algebra I Support	0.5-1.0
Algebra II	1.0
Algebra II (Extended)	1.5
Discrete Mathematics	0.5
Geometry	1.0
Math Analysis	0.5
Mathematical Modeling	0.5
Personal Financial Literacy	0.5
Pre-Algebra	0.5-1.0
Precalculus	1.0
Statistics and Probability	0.5
Strategic Mathematics	0.5
Math Related Courses	
Accounting	0.5-1.0
Basic Marketing	0.5-1.0
Business Finance	0.5
Business Information Systems	0.5-1.0
Chemistry Foundations	0.5
Honors Chemistry: Analytical	0.5
Honors Chemistry: Organic	0.5
Physics	1.0

Mathematics

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Required Course for All
Grade level may vary

[R] Personal Financial Literacy

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 5054-1

Prerequisite: Geometry B

This course is designed to help students make responsible financial choices through financial literacy. Students will learn how choices influence occupational options and future earning potential. Students will also learn to apply decision-making skills to evaluate career choices and set personal goals. The course content is designed to help the learner make wise spending, saving, and credit decisions and to make effective use of income to achieve personal financial success. Topics include creating and using a personal budget, understanding credit, personal loans, cost of independent living, being an intelligent consumer through vehicle purchasing and insurance and understanding taxes.

Math Academic Support Courses

Students whose mathematics proficiency is below grade level as indicated by 8th grade assessments will be recommended to take the course Strategic Mathematics in addition to the Algebra I course.

Algebra I Support

1 Semester • 0.5 Credit or 2 Semester 1.0 Credit

Course # 50132, 50133

Corequisite: Algebra I

Algebra Support is a companion course designed to reinforce and extend the concepts learned in Algebra 1. Students will receive targeted support in areas where they need extra help, including review of pre-algebra skills, practice with current Algebra 1 topics, and development of effective study strategies. This course aims to build confidence and improve success in Algebra 1.

Pre-Algebra

1 Semester • 0.5 Credit or 2 Semester 1.0 Credit

Course # 50002, 50003

Pre-Algebra prepares students for the rigors of Algebra I by building a solid understanding of fundamental mathematical concepts. Students will explore operations with real numbers (integers, fractions, decimals), the concepts of ratios, proportions, and percentages, and develop proficiency in working with exponents. The course also introduces basic algebraic concepts such as variables, and expressions, solving basic equations, and an introduction to functions. In addition, students will explore basic concepts of data analysis, including representing data with tables and graphs, calculating measures of central tendency, and interpreting data to draw conclusions. Emphasis is placed on developing student proficiency in the Mathematical Practice Standards.

Strategic Mathematics

1 Semester • 0.5 Credit

Course #: 5001-456

Co-requisite: Algebra I

Scheduling Note: May be repeated each semester based on need

This course is designed for students to increase skills needed to be successful in mathematics. The balanced approach to mathematics in this course will provide diagnostic interventions based on individual student needs and provide support for the 'regular' math class

Mathematics

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

9th Grade Required Courses

Note: Students who do not earn their Algebra I credit by the end of their freshman year, will have to retake Algebra I in summer school or the subsequent school year.

Students who passed Algebra I while in a KPS middle school or passed the Algebra I test out exam with a score of 70% or better will receive one (1.0) high school credit towards the Michigan Merit Curriculum and will begin their high school math sequence with Geometry.

[R] Algebra I A
1 Semester • 0.5 Credit
Course #: 5010-7
Prerequisite: None

This course provides students with an introduction to the fundamental skills and concepts of algebra, including linear functions, inequalities and systems. This course integrates the use of multiple representations including graphs, tables, and equations. Students use manipulatives and technology to further their algebraic thinking. Students learn to model and solve real-life situations with connections to geometry and statistics. This course will place an emphasis on skills like solving equations for a given variable, using equations to model real-world situations, and representing mathematical relationships in a variety of ways.

AND

[R] Algebra I B
1 Semester • 0.5 Credit
Course #: 5010-8
Prerequisite: Algebra I A

This course provides students with a continuation of the fundamental skills and concepts of algebra, including quadratic functions, exponential functions, and radical expressions. This course continues to integrate the use of multiple representations, including graphs, tables, and equations and uses manipulatives and technology to further students' algebraic thinking. Students learn to model and solve real-life situations with connections to geometry and personal finance.

10th Grade Required Courses

[R] Geometry A
[SBG] Applied
1 Semester • 0.5 Credit
Course #: 5020-2
Prerequisite: Algebra I A and Algebra I B

This course will develop students' analytical and spatial reasoning while focusing on the first half of the essential concepts of geometry such as an in-depth exploration of geometric properties through the use of constructions, enabling students to build conjectures that define transformations. By utilizing these transformations as tools, students will be able to prove congruence and similarity theorems, while also developing an understanding of trigonometry ratios in right triangles. Students will continue to learn to connect concepts of geometry to real world applications, technology, algebra, and other academic disciplines.

AND

[R] Geometry B
[SBG] Applied
1 Semester • 0.5 Credit
Course #: 5020-3
Prerequisite: Geometry A

This course will develop students' analytical and spatial reasoning while focusing on the second half of the essential concepts of geometry such as solid geometry, coordinate geometry, circles, and conditional probability. Students will continue to learn to connect concepts of geometry to real world applications, technology, algebra, and other academic disciplines.

Mathematics

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

11th Grade Required Courses

11th graders (or sophomores who earned credit for Geometry as a freshman) must take one of the following Algebra 11 course options:

[R] Algebra II A

1 Semester • 0.5 Credit

Course #: 5030-2

Prerequisite: Geometry A and Geometry B

This course will develop students' analytical and spatial reasoning while focusing on the second half of the essential concepts of geometry such as solid geometry, coordinate geometry, circles, and conditional probability. Students will continue to learn to connect concepts of geometry to real world applications, technology, algebra, and other academic disciplines.

AND

[R] Algebra II B

1 Semester • 0.5 Credit

Course #: 5030-3

Prerequisite: Algebra II A

This course will continue to develop students' ability to reason algebraically by building upon Algebra I, Geometry, and Algebra II A concepts. Students will focus on the second half of the essential concepts in Algebra II such as polynomials and power functions, counting and inferential statistics, and conic sections. Students will also extend their knowledge of univariate and bivariate statistical applications. Students will continue to extend their learning to model and solve real-life situations involving technology and other academic disciplines.

OR – ALGEBRA II: Two-Year Option

Michigan Merit Curriculum Law Sec. 1278b(5)(f) states, *Under a personal curriculum, a student may elect to complete the same content as Algebra II over two years (three semesters), with a ½ credit awarded for each of those semesters. To accommodate a student opting to take Algebra II for an extended period of time, Algebra II Part 1, 2, & 3 will be equivalent to Algebra II A and Algebra II B.*

Algebra II Part I

1 Semester • 0.5 Credit

Course #: 5031-2

Prerequisite: Geometry B

Students will focus on the first third of essential concepts of Algebra II such as sequences and series, polynomial and rational functions. Students will extend their learning to model and solve real-life situations involving technology and other academic disciplines.

AND

Algebra II Part II

1 Semester • 0.5 Credit

Course #: 5031-3

Prerequisite: Algebra II Part I

Students will focus on the second third of essential concepts of Algebra II such as complex numbers, rational numbers, exponentials, and logarithms. Students will extend their learning to model and solve real-life situations involving technology and other academic disciplines.

Mathematics

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

12th Grade Course

Algebra II Part III

1 Semester • 0.5 Credit

Course #: 5032-2

Prerequisite: Algebra II Part II

Students will focus on the second third of essential concepts of Algebra II such as transformations of functions, trigonometric functions, and statistical inferences. Students will extend their learning to model and solve real-life situations involving technology and other academic disciplines.

Math Electives

Discrete Mathematics

1 Semester • 0.5 Credit

Course #: 5058-1

Prerequisite: Algebra II B

This course is designed for students who have completed their core mathematics courses through Algebra II and who have an interest in computer science. The content covers widely applicable mathematical tools for computer science, including topics from logic, set theory, number theory, probability theory, and graph theory. Discrete Mathematics also teaches reasoning and proof techniques that apply to real world mathematics, such as coding, cryptography, and logistics. Students will develop the ability to apply these techniques and acquire a sense of utility and value of mathematics beyond the classroom.

Math Analysis

1 Semester • 0.5 Credit

Course #: 5050-1

Prerequisite: Algebra II B

This advanced math course includes in-depth studies of the families of functions as they relate to real-world applications and deeper mathematical study. Students will also extend their knowledge of univariate and bivariate statistical applications. Graphing calculators are extensively used as students connect their understanding with multiple representations.

Mathematical Modeling

1 Semester • 0.5 Credit

Course #: 5051-1

Prerequisite: Geometry B

This course offers students who have successfully completed Algebra I and Geometry an opportunity to mathematically model real world phenomena such as Olympic competitions, art, personal financial decision making, movies, and music. Concepts that focus on the modeling process are: direct and indirect variation, family of functions, systems of equations, proportions, trigonometry, and finance. Students will also extend their knowledge of univariate and bivariate statistical applications. The modeling process (forming a theory, testing it, and revisiting it based on the results of the test) is critical for learning how to think mathematically. This course is ideally suited as a mathematics elective or as a precursor to Algebra II.

Precalculus A

1 Semester • 0.5 Credit

Course #: 5052-2

Prerequisite: Algebra II B

This course deepens students' understanding of Algebra and extends their ability to apply algebraic concepts and procedures at higher conceptual levels. The focus in this first half of the course involves the study of functions and their graphs, including polynomials, rationals, and exponential and logarithmic functions. Connections are made between the graphical, numerical, and algebraic models of these functions, including modeling and solving real world problems. Graphing technology will be highly utilized to meet this goal.

AND

Mathematics

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Precalculus B

1 Semester • 0.5 Credit

Course #: 5052-3

Prerequisite: Precalculus A

This course continues to deepen students' understanding of Algebra and extends their ability to apply algebraic concepts and procedures at high conceptual levels. The focus in the second half of the course involves theory and application of both trigonometric functions and analytic trigonometry. Students will also extend their knowledge of conics, and systems of equations and matrices. Connections are made between the graphical, numerical, and algebraic models of these functions, including modeling and solving real world problems.

Graphing technology will be highly utilized to meet this goal. Successful completion of Precalculus A and B fully prepares students for AP Calculus.

Statistics and Probability

1 Semester • 0.5 Credit

Course #: 5053-1

Prerequisite: Geometry B

Students in this course will explore and compare univariate and bivariate data sets using both graphical and numerical summary measures, learn principles of data collection, and study design that aims to minimize bias and variability of resulting data. Students use discrete probability distributions as models for random systems and use conditional probability to solve applied problems. Normal distribution is studied and sampling distributions for means and proportions are developed. Students learn the logic and terminology of confidence interval estimation and significance testing. With an increasing emphasis on data-based decision making, this mathematics elective will be extremely valuable for KPS graduates.

Mathematics

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Advanced Placement Courses - Math

[W]= Weighted Grade Value (see page 24)

[C] = College Credit Available - *Students can earn college credit by taking any of the following Advanced Placement courses and passing the AP Exam.*

Advanced Placement (AP) courses meet for a full year (two semesters) as they require more time to cover the rigorous AP College Board curriculum in preparation for the AP Exam taken in early May. **Advanced Placement courses are intended for students in grades 10-12.**

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester. A packet with detailed course information is available in the principal's office.

[AP] [W] [C] AP Calculus AB

2 Semesters • 1.0 Credits

Course #: 5091-789

Prerequisite: Precalculus B

This course is a rigorous study of limits, differential (implicit and explicit) equations, differentiation techniques, integration techniques, rates of change, logarithmic, exponential and other transcendental functions with multiple representations and applications. There is a heavy emphasis on algebraic and graphical models using graphing calculators and other technologies.

[AP] [W] [C] AP Precalculus AB

2 Semesters • 1.0 Credits

Course #: 50937, 50938, 50939

Prerequisite: Algebra II B

This course is a rigorous study of functions that model dynamic phenomena. There is a heavy emphasis on symbolic manipulation and the study of functions through algebraic, numeric, graphical and verbal representations. This course will focus on polynomial and rational functions, exponential and logarithmic functions, trigonometric and polar functions, in addition to functions involving parameters, vectors, and matrices. Graphing calculators are highly utilized to aid in fostering a deep conceptual understanding of functions.

[AP] [W] [C] AP Statistics

2 Semesters • 1.0 Credits

Course #: 5092-789

Prerequisites: Algebra II B

This course is a rigorous study of collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data by describing patterns and departure from patterns, sampling and experimentation through planning and conducting a study, anticipating patterns by exploring random phenomena using probability and simulations, and statistical inference through estimating population parameters and testing hypotheses. The uses of computer and calculator programs enhance the modeling of statistical applications in the real world.

Music

Instrumental Music Courses	Credits	Vocal Music Courses	Credits	Non-Performance Music Courses	Credits
Concert Band	1.0	Advanced Treble Chorale	1.0	American Popular Music	0.5
High School Beginning Band	1.0	Concert Choir	0.5	AP Music Theory	1.0
Orchestra	1.0	Hawthorne Singers	1.0		
Symphonic Band	1.0	Master Singers	1.0		
		Mixed Chorus	0.5		
		Treble Chorus	0.5		

Instrumental Music Courses

Concert Band

2 Semesters • 1.0 Credit

Course #: 6050-45

Grades: 9,10,11,12

Prerequisite: Experience playing wind or percussion instrument

Scheduling Note: Offered 1st and 2nd semesters

This course may be repeated

During the first 9 weeks, students will rehearse and perform a variety of music and learn related marching and maneuvering routines for performances as a marching band. Students will rehearse and perform a wide variety of wind band literature in a collaborative, performance-based setting, with specific emphasis on technical improvement and ensemble development. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

High School Beginning Band

2 Semesters • 1.0 Credit

Course # 6050-45

Grades: 9, 10, 11, 12

Scheduling Note: This course may be repeated

This class is intended for students with little to no experience playing a wind or percussion instrument, or students who would like to learn a secondary wind or percussion instrument. Students will learn the fundamentals of playing an instrument, progressing through an accelerated middle school band curriculum and preparing students for enrollment and participation in Concert Band or Symphonic Band classes. Performing at concerts is an integral part of this class. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Orchestra

2 Semesters • 1.0 Credit

Course #: 6052-456

Prerequisite: Audition

Scheduling Note: This course may be repeated each semester

Students will rehearse and perform a variety of advanced orchestra literature in a collaborative, performance-based setting, with a specific emphasis on technical improvement and ensemble development. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Symphonic Band

2 Semesters • 1.0 Credit

Course#: 6053-45

Prerequisite: Audition and/or Band or Director Permission

This course may be repeated

During the first 9 weeks, Students will rehearse and perform a variety of music and learn related marching and maneuvering routines for performances as a marching band. The rest of the year, students will rehearse and perform a variety of advanced wind band literature. Please note: participation in rehearsals and performances during and outside of the school day, including summer band camp, is a required expectation of this course and part of the overall grade.

Vocal Music Related Courses

Advanced Treble Chorale

2 Semesters • 1.0 Credits

Course #: 6059-2

Grades: 10, 11, 12

Prerequisite: Audition and/or Director Permission

Scheduling Note: This course is for Alto and Soprano singers only. This course may be repeated.

Students will be members of an advanced treble (soprano/alto) voice ensemble and participate in a comprehensive vocal music education program designed to promote the development of individual and group performance skills. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade. Additionally, students interested in Advanced Treble Chorale must demonstrate their ability to the choir director by auditioning in the spring for the following school year.

Concert Choir

1 Semester • 0.5 Credit

Course #: 6057-4

Prerequisite: Mixed Chorus OR Treble Chorus OR Direction Permission and/or Audition

Scheduling Note: This course may be repeated.

This is a select ensemble. Students will participate in a comprehensive vocal music education program designed to promote the development of advanced individual and group performance skills. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Hawthorne Singers

This ensemble represents the highest level of choral music performance at Kalamazoo Central High School.

Hawthorne Singers

2 Semesters • 1.0 Credits

Course #: 6054-789

Grades: 10, 11, 12

Prerequisite: Audition and/or Director Permission

Site: Kalamazoo Central High School

This is the most advanced choral ensemble at Kalamazoo Central High School. Students will participate in a comprehensive vocal music education program designed to promote the development of advanced individual and group performance skills. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade. Additionally, students interested in Hawthorne Singers must demonstrate their ability to the choir director by auditioning in the spring for the following school year.

Music

Master Singers

This ensemble represents the highest level of choral music performance at Loy Norrix High School.

Master Singers

2 Semesters • 1.0 Credits

Course #: 6055-789

Prerequisite: Audition and/or Director Permission

Site: Loy Norrix High School

This is the most advanced choral ensemble at Loy Norrix High School. Students will participate in a comprehensive vocal music education program designed to promote the development of advanced individual and group performance skills. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade. Additionally, students interested in Master Singers must demonstrate their ability to the choir director by auditioning in the spring for the following school year.

Mixed Chorus

1 Semester • 0.5 Credit

Course #: 6056-4

Prerequisite: None

Scheduling Note: This course is offered 1st Semester. This course is for all 9th grade choir students or any student who has not had previous high school choir experience.

This is a gender-inclusive beginning ensemble. Students will participate in a comprehensive vocal music education program designed to promote the development of intermediate individual and group performance skills. The advancement of musical knowledge and understanding, as well as music literacy, will be emphasized. Please note: participation in performances during and outside of the school day, possibly occurring in the evening or on the weekend, is a required expectation of this course and part of the overall grade.

Treble Chorus

1 Semester • 0.5 Credit

Course #: 6058-1

Prerequisite: None

Scheduling Note: This course is offered 2nd Semester

Female students will be members of a treble voice ensemble and participate in a comprehensive vocal music education program designed to promote the development of individual and group performance skills. Music literacy, as well as familiarity with a wide variety of music representative of different styles, periods and cultures, will be taught. Students will participate in a spring concert outside of school at the end of the year.

Non-Performance Music

American Popular Music

1 Semester • 0.5 Credit

Course #: 6061-1

Prerequisite: None

American Popular Music is an in-depth study of popular music of the last century. Beginning with the Jazz Age and moving through modern day, students will study each important era and style of the 20th and early 21st Century. Daily class work will consist of listening, analysis, group work, reading, research, and demonstration.

Music

Advanced Placement Courses

[W]= Weighted Grade Value (see page 24)

[C] = College Credit Available - *Students can earn college credit by taking any of the following Advanced Placement courses and passing the AP Exam.*

Advanced Placement (AP) courses meet for a full year (two semesters) as they require more time to cover the rigorous AP College Board curriculum in preparation for the AP Exam taken in early May. **Advanced Placement courses are intended for students in grades 10-12.**

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester. A packet with detailed course information is available in the principal's office.

AP Music Theory

2 Semesters (1.0 Credits)

Course #: 60912, 60913

This course is designed to provide students with a deep understanding of the fundamentals of music, including harmony, melody, rhythm, and form. Through a combination of ear training, score analysis, and composition exercises, students will explore complex musical concepts such as chord progressions, counterpoint, and musical analysis. This course emphasizes both theoretical knowledge and practical application, preparing students for the AP Music Theory Exam. A strong background in music fundamentals and proficiency in reading musical notation is recommended for success in this class.

Physical Education

Key: [R] – Required course

*These courses may be taken more than once.

One-half (0.5) credit is required for graduation.

Students must elect one (1) of the following courses to meet the one-half (0.5) physical education credit required for graduation:

- EFA: Beginning Dance Studio
- EFA: Intermediate Dance Studio
- Healthy Lifestyles Through Aquatics
- Healthy Lifestyles Through Physical Activity
- Lifetime Sport and Physical Activity
- Recreational Team Sports

Current Physical Education Courses	
Course	Credits
Advanced Conditioning	0.5
Aquatics II	0.5
Athletic Weightlifting and Training	0.5
Conditioning	0.5
Healthy Lifestyles Through Aquatics	0.5
Healthy Lifestyles Through Physical Activity	0.5
Lifetime Sport & Physical Activity	0.5
Recreational Team Sports	0.5

Physical Education

Key: [R] – Required course

*These courses may be taken more than once.

Introductory Courses

[R] Healthy Lifestyles Through Aquatics

1 Semester • 0.5 Credit

Course #: 6520-1

Prerequisite: None

Students will assess and increase their knowledge about health-related fitness, refine personal-social skills, and develop basic fitness and motor competencies that will facilitate the pursuit of a healthy, active lifestyle. Content will include: Fitnessgram assessment, nutrition assessment, and the basic concepts and principles of personal fitness. Physical activities include basic swimming skills, swim conditioning, water aerobics, water safety skills, and water polo. Students will develop a plan for maintenance of personal physical fitness.

OR

[R] Healthy Lifestyles Through Physical Activity

1 Semester • 0.5 Credit

Course #: 6510-1

Prerequisite: None

Students will assess and increase their knowledge about health-related fitness, refine personal-social skills, and develop basic fitness and motor competencies that will facilitate the pursuit of a healthy, active lifestyle. Content will include: Fitnessgram assessment, nutrition assessment, and the basic concepts and principles of personal fitness. Physical activities include basic swimming skills, swim conditioning, water aerobics, water safety skills, and water polo. Students will develop a plan for maintenance of personal physical fitness.

***Lifetime Sport & Physical Activity**

1 Semester • 0.5 Credit

Course #: 6554-1

Prerequisite: None

This course is designed to offer students opportunities to participate in recreational sports that improve health-related fitness activities. Activities such as ultimate frisbee, golf, disc golf, outdoor pursuits, tennis, badminton, and weight training may be offered.

***Recreational Team Sports**

1 Semester • 0.5 Credit

Course #: 6558-1

Prerequisite: None

This course offers a variety of team sports including flag football, soccer, volleyball, basketball, softball, and other related team sports.

Intermediate Courses

***Aquatics II**

1 Semester • 0.5 Credit

Course #: 6551-1

Prerequisite: Healthy Lifestyles Through Physical Activity or Healthy Lifestyles Through Aquatics or approval through Aquatics II Instructor

This course is designed to offer students opportunities to continue participation in health-related fitness activities that focus on aquatics, which may include: intermediate and advanced swimming skills, water polo, conditioning, and diving.

Conditioning

1 Semester 0.5 Credit

Course #: 6553-1

Prerequisite: Any Introductory Physical Education Course

This course is designed to offer students opportunities to continue participation in health-related fitness activities (cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition) such as strength training, circuit and interval training, aerobics, and jogging.

Physical Education

Key: [R] – Required course

*These courses may be taken more than once.

Advanced Courses

***Advanced Conditioning**

1 Semester • 0.5 Credit

Course #: 65551

Prerequisite: Conditioning

This course is designed to provide students and student-athletes with an opportunity to assess and increase health-related physical fitness (cardiovascular endurance, muscular endurance, muscular strength, flexibility, and body composition). Activities may include weightlifting and conditioning to improve speed, power, and explosion. Speed and agility training will include circuit and interval training, and aerobic activities. Students will track their progress, using methods that may include: BMI, heart rate, and body fat.

***Athletic Weightlifting and Training**

1 Semester • 0.5 Credit

Course #: 6559-1

Prerequisite: Conditioning or Instructor Approval

Note: This course may be taken for one or two semesters

This course is designed to give students the opportunity to learn weight training concepts in relation to the sport or athletic endeavor that they are participating in. Students will benefit from comprehensive weight training and cardio-respiratory activities. Each student will have an individualized workout program for each sport or activity both in-season and off-season. Students will learn the fundamentals of all aspects of weight training. The course will provide both lecture and activity sessions. Students will be empowered to develop positive behaviors in fitness, wellness, and movement activity for a lifetime.

Science

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Three (3.0) credits are required for graduation:

Students are required to earn three (3.0) science credits to meet the graduation requirement. Starting in the 2023-2024 school year, students must have successfully completed at least one course in each of the following areas of science: Physical Science, Life Science, and Earth Science.

Physical Science Courses	Life Science Courses	Earth Science Courses
AP Chemistry AP Physics I Chemistry Foundations Environmental Science Forensic Science A Honors Chemistry: Analytical Honors Chemistry: Organic Physics	AP Biology Biology: Cells, Evolution, and Biotechnology Biology: DNA, Energy Pathways, and Ecology Forensic Science B Human Anatomy and Physiology	Astronomy Earth Science Environmental Science Geology A Geology B

Current Science Courses	
Course	Number of Credits
AP Biology	1.0
AP Chemistry	1.0
AP Physics I	1.0
Astronomy	0.5
Biology	1.0
Chemistry: Foundations	0.5
Earth Science	1.0
Environmental Science	0.5
Forensic Science	1.0
Geology	1.0
Honors Chemistry	1.0
Human Anatomy and Physiology	1.0
Physics	1.0

Science

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Astronomy

1 Semester • 0.5 Credit

Course #: 7050-1

Prerequisite: None

This course is a general introduction to astronomy.

Topics include instruments of astronomy, components and theories of the solar system, stellar evolution, galaxies, and a brief history of astronomy.

Biology: Cells, Evolution, and Biotechnology

1 Semester • 0.5 Credit

Course #: 7010-4

Prerequisite: None

This course will enable students to understand key life science principles including DNA, heredity, ecology, and evolution. This is a laboratory and hands-on course that requires extensive writing, teamwork, and use of technology.

AND

Biology: DNA, Energy Pathways, and Ecology

1 Semester • 0.5 Credit

Course #: 7010-5

Prerequisite: None

This course will enable students to understand the life science principles including DNA, ecology, photosynthesis, cellular respiration, and gene expression. This is a laboratory and hands on course that requires extensive writing, teamwork, and use of technology.

Chemistry: Foundations

1 Semester • 0.5 Credit

Course #: 7020-1

Prerequisite: Biology: Cells, Evolution, and Biotechnology

This course introduces students to foundational chemistry concepts which can be applied to a variety of fields and other courses. These concepts include atomic structure, the periodic table, how chemicals react with one another, and how to analyze substances. Students will participate in a variety of laboratory-based activities to explore chemistry concepts related to the vast amount of careers in this field.

Honors Chemistry: Analytical

[MAC] 4th Related Mathematics Credit

1 Semester • 0.5 Credit

Course #: 7060-2

Prerequisites: Chemistry: Foundations

This interactive and experiential course will focus on the practical knowledge and skills needed to develop and analyze chemical substances in the lab. Students will also develop logic and reasoning skills to identify unknown substances and design useful processes to develop substances. This course or Honors Chemistry: Organic is recommended for students who are interested in hands-on laboratory experiences or would like to prepare for AP Chemistry.

Honors Chemistry: Organic

[MAC] 4th Related Mathematics Credit

1 Semester • 0.5 Credit

Course #: 7060-3

Prerequisites: Chemistry: Foundations

This course will focus on the structure and process that create carbon based compounds. This includes the study of physical and chemical properties, and evaluation of chemical reactivity to understand their behavior as well as the study of chemical synthesis of natural products, pharmaceuticals, and polymers. Students will also learn how organic compounds affect the environment. This course or Honors Chemistry: Analytical is recommended for students who are interested in hands-on laboratory experiences or would like to prepare for AP Chemistry.

Science

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Students may take only the A section, only the B section, or both the A and B sections of Earth Science.

Earth Science A

1 Semester • 0.5 Credit

Course #: 7051-4

Prerequisite: None

Each student will master essential concepts of the geosphere. Topics include the advanced rock cycle, plate tectonics, earthquakes, volcanoes, and geologic history. This course will also discuss how humans impact the environment. This is a hands-on course with a strong writing and technology emphasis.

Earth Science B

1 Semester • 0.5 Credit

Course #: 7051-4

Prerequisite: None

Each student will master essential concepts of the hydrosphere, atmosphere, and astronomy. Topics include oceans, weather, ground water, the sun, and stellar evolution. This is a hands-on course with a strong writing and technology emphasis.

Environmental Science

1 Semester • 0.5 Credit

Course #: 7052-2

Prerequisite: None

This course is a required science course for all ninth-grade students in their first year of high school. Environmental Science is an integrated course that focuses primarily on Life and Physical science concepts, their relationship to the environment, and how understanding the concepts can help humans make informed decisions about the future of our planet. Topics include Earth's systems, sustainability, structure and properties of matter, and chemical reactions.

Students may take only the A section, only the B section, or both the A and B sections of Forensic Science.

Forensic Science A

1 Semester • 0.5 Credit

Course #: 7053-4

Prerequisite: None

Students will study the use of Forensic Science in criminal cases, types of forensic evidence, hair and fiber analysis, fingerprinting, counterfeiting and forgeries, toxicology, and ballistics and tool marks.

Forensic Science B

1 Semester • 0.5 Credit

Course #: 7053-5

Prerequisite: None

Students will study the analysis of blood typing, blood spatter patterns, DNA, forensic anthropology, forensic entomology, and time of death calculations.

Geology A

1 Semester • 0.5 Credit

Course #: 7054-2

Prerequisites: Earth Science A

This high-level course takes students deeply into the earth sciences and prepares them for a course of study in the lucrative field of geosciences. This laboratory and project-based course will include investigating concepts usually reserved for the college-level student. Topics include minerals, rocks, geologic time, plate tectonics, volcanoes, earthquakes, and topographic and geological mapping.

Geology B

1 Semester • 0.5 Credit

Course #: 7054-3

Prerequisites: Geology A

Geology B will continue the high-level study of geosciences including weathering and erosion, mass wasting, groundwater, running water, glaciers and geological structures. At the conclusion of the Geology B course, any student who passes the exam with 80% or better will be eligible for 4 college credits at 10 Michigan institutions.

Science

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Human Anatomy and Physiology A

1 Semester • 0.5 Credit

Course #: 7061-2

Prerequisites: None

Grades: 10, 11, 12

This course is designed for those students planning a career in the healthcare field. Using an investigative approach, students will learn medical terminology, the anatomy of the human body (body parts), and the physiology of the human body systems (how they work) under normal and disease conditions. Topics include a review of biochemistry and cell structure and function, as well as medical terminology, tissue types, the integumentary system, immune system, skeletal system, and muscular system.

AND

Human Anatomy and Physiology B

1 Semester • 0.5 Credit

Course #: 7061-3

Prerequisite: Human Anatomy and Physiology A

Grades: 10, 11, 12

In this second section of a two-semester course, students will study the cardiovascular system, respiratory system, digestive system, nervous system, and the urinary system.

Physics A

[MAC] 4th Related Mathematics Credit

1 Semester 0.5 Credit

Course #: 7030-2

Prerequisite: Algebra IA AND Algebra IB

This course provides an introduction to mechanics. Linear and rotational mechanics, work, power, energy, and Newton's Laws will be covered. This is a laboratory course which relies heavily on problem-solving.

AND

Physics B

[MAC] 4th Related Mathematics Credit

1 Semester 0.5 Credit

Course #: 7030-3

Prerequisite: Physics A

This course is a follow-up to Physics A. This course covers electricity, waves, sound, light, optics, nuclear physics, and modern physics.

Science

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Advanced Placement Courses

[W] = Weighted Grade Value (see page 24)

[C] = College Credit Available - *Students can earn college credit by taking Advanced Placement courses and passing the AP Exam.*

Advanced Placement courses are intended for students in grades 10-12.

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester. A packet with course information is available in the principal's office.

[AP] [W] [C] Advanced Placement Biology

2 Semesters 1.0 Credits

Course #: 7091-789

Prerequisites: Biology: Cells, Evolution, and Biotechnology OR Biology: DNA, Energy Pathways, and Ecology AND Chemistry Foundations

This course is designed to be a comprehensive biology course for the science-oriented student. Individual research, study and experimentations, as well as the ability to correlate lab data and draw conclusions are stressed.

Recommended for biology, chemistry, and pre-medical majors. This is a lab-oriented, text related course with outdoor fieldwork and lab analysis.

[AP] [W] [C] Advanced Placement Chemistry

2 Semesters 1.0 Credits

Course #: 7092-789

Prerequisite: Chemistry: Foundations and either Honors Chemistry: Analytical or Honors Chemistry: Organic 4th Related Mathematics Credit

This course is designed to be a comprehensive college-level introductory course in physical chemistry. Strong emphasis is placed upon laboratory work. This course is recommended for Chemistry and Biology majors, and especially for students planning a career in any health-related or investigative science field including pre-medicine, pre-nursing, pre-dentistry, engineering (all types) and careers in biology, chemistry, pharmacology, or health care. Activities include special projects, field trips, in-depth preparation for the AP exam, and extended laboratory investigations.

[AP] [W] [C] Advanced Placement Physics I

2 Semesters 1.0 Credits

Course #: 7093-789

Prerequisite: Physics A OR Physics B

4th Related Mathematics Credit

The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; simple harmonic motion; and fluid dynamics. Students will develop a deep understanding of the content, apply knowledge through inquiry labs, and participate in special projects, extended laboratory investigations, and in-depth preparation for the AP exam. This course is highly recommended for students who wish to pursue a degree in engineering or the sciences. Interested students who have not met the Physics A or B requirement may speak to the instructor for approval.

Social Studies

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Three (3.0) credits are required for graduation:

Students are required to earn three (3.0) social studies credits to meet the graduation requirement. Included in the three credits are the following required courses:

- **World History**
- **United States History** or AP United States History
- **Government and Politics: United States** or AP United States Government & Politics
- **Economics** or **Personal Financial Literacy**

Students must earn an additional one-half (0.5) social studies credit to fulfill the graduation requirement. Students may choose from any of the social studies electives as described on pages 115-116.

Current Social Studies Courses	
Course	Credits
AP African American Studies	1.0
AP Comparative Government & Politics	1.0
AP European History	1.0
AP Psychology	1.0
AP United States Government & Politics	1.0
AP United States History	1.0
AP World History	1.0
African American Studies	1.0
African World Studies	0.5
American Military History: 1776 to Present	0.5
Anthropology	0.5
Current Events (Today's Events, Tomorrow's History)	0.5
Economics	0.5
Government and Politics: United States	1.0
Law I	0.5
Law II	0.5
Psychology	0.5
Sociology	0.5
The Turbulent Years: History of the 1980s to 2008	0.5
United States History	1.0
Women's Studies	0.5
World History	1.0

Social Studies

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Required Social Studies Courses

[R] World History A

1 Semester • 0.5 Credit

Course #: 8010-2

Prerequisite: None

This course is required for all 9th grade students in their first year of high school. Students will explore and experience eras of world history through the perspective of world cultures. The eras for exploration will start with Ancient Empires and end with the French Revolution. In exploring world events, students will examine the leadership choices, human interactions, inventions, geographic and economic systems, and social and political interactions that contribute to major changes in World History. This will be accomplished through an analysis of primary and secondary sources. Geography is integrated bringing together the physical and human dimensions of the world through the study of people, places, and environments.

[R] World History B

1 Semester • 0.5 Credit

Course #: 8010-3

Prerequisite: World History A

This course is required for all 9th grade students in their first year of high school. Students will explore and experience the eras of world history through the perspective of world cultures. The eras for exploration will start with the Industrial and Political Revolutions of the 1800s. In exploring world events, students will examine the leadership choices, human interactions, inventions, geographic and economic systems, and social and political interactions that contribute to major changes in world history. This will be accomplished through an analysis of primary and secondary sources. Comprehending global issues and economies require competencies with geography on a global scale.

[R] United States History A

1 Semester • 0.5 Credit

Course #: 8020-2

Prerequisite: None

This course traces the development of the United States in an interdependent world. Students will use the content and habits of mind of both history and geography to study United States history with an emphasis on the time period from industrialization through the New Deal.

AND

[R] United States History B

1 Semester • 0.5 Credit

Course #: 8020-3

Prerequisite: United States History A

During the second semester, the emphasis is on the time period focusing from World War II to the present.

OR 10th graders can choose to take the following AP U.S. History course:

[AP] [W] [C] Adv. Placement U.S. History

See page 86 for course description.

[R] Economics

1 Semester • 0.5 Credit

Course #: 8031-1

Prerequisite: None

Students will learn economic reasoning to evaluate courses and consequences of individual economic decisions and public policy issues raised by constraints imposed by scarcity. Students will understand how economics functions and how to apply the concepts and principles of economics to their lives as individuals and citizens.

Social Studies

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

11th Grade Required Courses

[R] Government and Politics: United States A

1 Semester • 0.5 Credit

Course #: 8030-2

Prerequisite: Recommended – United States History B

Government and Politics: United States A emphasizes national, state, and local government structures. Units pertaining to foundations and theories of government federalism. Exploration of the history of the Declaration of Independence, the Articles of Confederation and the Constitution, the principles of federalism, checks and balances and popular sovereignty. A unit covering the legislative branch, the organization of Congress, expressed and implied powers of Congress in action. A unit exploring the executive branch, the President, bureaucracy, financing government, and national defense. A unit exploring the judicial branch, dual court system, criminal and civil courts, the Supreme Court and significant decisions of the court.

AND

[R] Government and Politics: United States B

1 Semester • 0.5 Credit

Course #: 8030-3

Prerequisite: Government & Politics: United States A

Government and Politics: United States B Review of the federalism and principles of American democracy. An indepth exploration of national, state, and local government structures and functions. An exploration of the ideas and meaning of citizenship in the United States of America, and the rights and responsibilities of American citizens civil liberties/civil rights. Examination of political behaviors, political parties, voting, electoral process. Exploration of comparative government systems. Students prepared to be active citizen participation. The course includes a service learning component.

Or 11th grade students may choose to take the following AP Government course:

Advanced Placement United States Government and Politics

Social Studies

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Elective Courses

Students must earn an additional one-half (0.5) social studies credit to fulfill the graduation requirement. Students may choose from any of the social studies electives described below.

African American Studies A

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 80504

Prerequisite: None

The African American Studies course is designed to develop an understanding of the causes, character, and consequences of the African American experience and its influence on the World, the United States, and the African American community. This course will also focus on key figures and counter-forces that were critical to the resistance movements throughout this time period. African American Studies A begins with a historical, geographical, social, political, economic, and cultural understanding of the African continent. The framework of African American Studies A will include the following themes: Ancient Africa, African Explorations of the World, Invasions and weakening of Africa, enslaved Africans, and Slavery in the Americas. The course will have an Anti-Bias/Anti-Racism focus.

African American Studies B

[MAC] Visual, Performing & Applied Arts

1 Semester • 0.5 Credit

Course #: 80505

Prerequisite: None

This African American Studies course is designed to develop an understanding of the causes, character, and consequences of the African American experience and its influence on the World, the United States, and the African American community. This course will also focus on key figures and counter-forces that were critical to the resistance movements throughout this time period. African American Studies B provides an overview of African American Studies A before focusing on the following themes: Institutional (neo) Slavery, Civil Rights, The Heart & Soul of African Americans, Contributions of African Americans to the U.S. and to the World, and Current State of African Americans. The course will have an Anti-Bias/Anti-Racism focus.

African World Studies

1 Semester • 0.5 Credit

Course #: 8050-1

Prerequisite: None

Students will explore the influences that African people have contributed to world history and in the development of world cultures, past and present.

American Military History: 1776 to Present

1 Semester • 0.5 Credit

Course #: 8051-1

Prerequisite: None

Students will analyze the development of the American method of warfare and its impact on our military and society. Students will be analyzing a number of visual, auditory and literary resources to gain a better understanding of how facets of American warfare have changed over time through the eyes of the citizen soldier. These facets will include national motives, the development of the U.S. military as an organization, strategy and tactics, the development and employment of technology, the role of women and minorities, military psychology, and the veteran's experience. The focus of student's studies will be on the growth of America as a superpower starting with the end of the Spanish American War and concluding with the Global War on Terror.

Anthropology

1 Semester • 0.5 Credit

Course #: 8052-1

Prerequisite: None

Students are introduced to the scientific and cultural study of humans. Students learn anthropological techniques and study many different cultures. Units include physical anthropology, cultural anthropology, and archaeology. Guest speakers and source readings are utilized.

Social Studies

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Current Events (Today's Events, Tomorrow's History)

1 Semester • 0.5 Credit

Course #: 8053-1

Prerequisite: None

15 hours of service learning required

The purpose of this class is to build a foundational understanding of how our society works at the local, national, and global levels. Students will develop skills to help them comprehend and think critically about information, judge the quality of digital sources, compare viewpoints, understand cause and effect relationships, contextualize current events, and improve their communication.

Law I

1 Semester • 0.5 Credit

Course #: 8054-4

Prerequisite: None

Students are introduced to our system of law. The history and heritage of our legal system is explored. Topics include: constitutional, juvenile, family, consumer, and individual rights laws.

Law II

1 Semester • 0.5 Credit

Course #: 8054-5

Prerequisite: Law I

This course builds upon the foundation established in Law I. Students are introduced to criminal and tort law. Actual case studies, mock trials, and guest speakers are utilized. Law II topics include pre-trial, trial, and post-trial procedures.

Psychology

1 Semester • 0.5 Credit

Course #: 8055-1

Prerequisite: None

Psychology is the study of the brain and human behavior. This course is designed to be an overview of various topics within the field of psychology. We will learn about cognition, lifespan development, sleep, learning, memory, emotion, relationships, group behavior, attitudes, stress, psychological disorders, and therapy.

Sociology

1 Semester • 0.5 Credit

Course #: 8056-1

Prerequisite: None

This course introduces students to the study of human society and social behavior. We will learn about sociological perspectives, culture and socialization, family and gender, education, religion, and poverty. By exploring these topics, students will gain understanding about the social forces that shape their world, fostering critical thinking and informed citizenship.

The Turbulent Years:

History of the 1980s to 2008

1 Semester • 0.5 Credit

Course #: 8057-1

Prerequisite: None

This course will examine the issues, events, and personalities which changed American culture and impacted the world during the 1980s to 2008. Students will work individually and cooperatively to trace cause and effect relationships, past and present, and how these events affect the way we live today.

Women's Studies

1 Semester • 0.5 Credit

Course #: 8064-1

Prerequisite: None

Students will explore the history and social impact of women throughout American history along with investigations to women around the world. The course will delve into laws regarding women, the suffrage movement, significant women in history and modern times, waves of the feminist movement and the impact of women on society. The course interweaves history, law, economics, sociology, psychology, government, political policy, culture, anthropology and international relations through the common thread of women past and present.

Social Studies

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

Advanced Placement Social Studies Courses

[W]= Weighted Grade Value (see page 24)

[C] = College Credit Available - *Students can earn college credit by taking any of the following Advanced Placement courses and passing the AP Exam.*

[AP] [W] [C] Advanced Placement African American Studies

2 Semesters 1.0 Credits

Course #: 80987, 80988, 80989

Prerequisite: United States History or recommendation from teacher is US History has not been taken

This course is an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. Students will develop skills across multiple fields, with an emphasis on developing historical, literary, visual, and data analysis skills. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora.

[AP] [W] [C] Advanced Placement Comparative Government and Politics

2 Semesters 1.0 Credits (elective credit)

Course #: 8096-789

Prerequisite: United States History B or
Advanced Placement United States History

Scheduling Note: *This course does not fulfill the Government requirement for graduation.*

The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. Six countries form the core of this course: China, Great Britain, Mexico, Nigeria, Russia, and Iran. This course assists in identifying and analyzing problems.

[AP][W][C] Advanced Placement European History

2 Semesters 1.0 Credits

Course #: 8093-789

Prerequisite: United States History B

The study of European history since 1450 introduces students to cultural, economic, political, and social developments that played a fundamental role in shaping the world in which they live. Without this knowledge, we would lack the context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. In addition to providing a basic narrative of events and movements, the goals of this AP course are to develop (a) an understanding of some of the principal themes in modern European History, (b) an ability to analyze historical evidence and historical interpretation, and (c) an ability to express historical understanding in writing.

[AP] [W] [C] Advanced Placement Psychology

2 Semester • 1.0 Credits

Course #: 8094-789

Prerequisite: United States History B or
A.P. United States History

The purpose of this course is to introduce the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

[AP] [W] [C] Advanced Placement United States Government and Politics

2 Semesters • 1.0 Credits

Course #: 8092-789

Prerequisite: United States History B or AP United States History

Students have the option to choose to take two AP Exams – U.S. Government and Politics and Comparative Government and Politics

This rigorous course is designed for students to explore concepts and theories pertaining to U.S. government and politics. Students also examine patterns of political processes and behavior and their consequences, analyze and interpret data, and compile written analysis and interpretations of U.S. government and politics. This course includes a service-learning component.

Social Studies

Key: [R] – Required Course

[AP] – Advanced Placement

[W] Weighted Grade Points

[C] – Eligible for college credit by passing the AP Exam

[AP] [W] [C] Advanced Placement United States History

2 Semesters • 1.0 Credits

Course #: 8091-789

Prerequisite: None

The AP program in U.S. History is designed to provide students with the analytical skills and enduring understandings necessary to deal critically with the problems and materials in United States history. Students are prepared for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials and their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarship. Students will develop the skills necessary to arrive at conclusions on the basis of an informed judgment, and to present reasons and evidence clearly and persuasively in an essay format.

[AP] [W] [C] Advanced Placement World History

2 Semesters • 1.0 Credits

Course #: 8095-789

Prerequisite: None

Students will develop an understanding of global processes and interaction with different types of human societies. This understanding is advanced through a combination of factual knowledge and analytical skills. The course highlights the nature of changes in international structures, as well as comparisons among major societies.

Virtual Learning Program

Current Virtual Learning Program Elective Courses	
Course	Number of Credits
Biotechnology A	0.5
Biotechnology B	0.5
Digital Imaging	0.5
Engineering and Technology	0.5
Leadership	0.5

Biotechnology A

1 Semester • 0.5 Credit

Course #: 70622VP

Qualifies for Life Science Credit

Biotechnology A is a cutting-edge, high-demand field that encompasses everything from plant and animal breeding to genetics. Discover how biotechnology has changed the world around us, from food to genetics. Explore historical applications with modern discoveries. Understand how regulations and ethics govern the course of biotechnology and learn of its importance to the field of medicine.

Biotechnology B

1 Semester • 0.5 Credit

Course #: 70623VP

Qualifies for Life Science Credit

Dig deeper into the world of biotechnology! Learn how and why biotechnology is so important to the agricultural, pharmaceutical, and genetic fields of study. You'll learn about mapping the human genome, the role of antibiotics, how medicine is created to combat diseases, and the future of the biotechnology field. It's time to explore the depth and breadth of this fascinating field!

Digital Imaging

ELECTIVE • 1 Semester • 0.5 Credit

Course #: 10622VP

This course will provide students with the opportunity to explore and use computers, digital cameras and state of the art imaging software to create digital art, use creative problem solving and art evaluation. Students will utilize a variety of technology and techniques to achieve creative solutions to artistic problems.

Engineering and Technology

1 Semester • 0.5 Credit

Course #: 70631VP

Qualifies for Physical Science Credit

Learn how the momentum of science is continually propelling engineers in new directions towards a future full of insight and opportunity. Explore the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. By examining astounding engineering feats and complex ongoing issues, you'll begin to question whether the word impossible really exists.

Leadership

1 Semester • 0.5 Credit

Course #: 55101VP

Recommended for students interested in developing strong leadership skills. Students taking this course will conceive, plan, execute, and evaluate a variety of school activities relating to transition of students into KPS Virtual School. Participants will be trained in necessary leadership and life skills such as setting and accomplishing goals; collaborating with others; effective communication; time management; meeting deadlines; and problem-solving. This course seeks to foster students' understanding of themselves and their capacity for leadership, and the importance.

World Languages

Two (2.0) World Language credits are required for graduation. Students may earn their two required World Language credits both in World Language courses, or may choose to earn one credit in a World Language course, and another with the substitution of one of the following:

1. Any course that meets the requirements for Visual, Performing or Applied Arts (VPAA) or,
2. Any CTE course.

Kalamazoo Public Schools

How to Earn World Language Credits

Does the student have previous educational and/or life experiences with a language other than English?
(Home or heritage languages, formal schooling abroad, online courses, etc.)

YES

Did the student successfully complete at least 1 full academic year (K-12) in a country outside the U.S. where the primary language of instruction was **NOT** English?

NO

The student has not yet met WL MCC requirements and should seek options from a school counselor

YES

Two World Language Credits will be awarded and documented on the KPS language credit form. This signifies the student has minimally attained "Novice High" proficiency in the language of instruction using ACTFL standards.

Students interested in earning additional credits or the MI Seal of Biliteracy can take additional proficiency tests.

NO

Referring to Figure 1 on Page 4, does the student, parent/guardian, or teacher believe the student can demonstrate Novice High proficiency based on the ACTFL standards in a language other than English? (Including native speakers, Spanish immersion students, and others with prior language experience).

YES

The student will be offered a formal language assessment or portfolio option to demonstrate language proficiency. See Page 3 for details on assessments and portfolios.

NO

The student has not yet met WL MMC requirements and should seek options from a school counselor.

World Languages

Current World Language Courses	
Course	Number of Credits
Advanced Placement French Language and Culture	1.0
Advanced Placement Latin	1.0
Advanced Placement Spanish Language and Culture	1.0
Chinese I	1.0
Chinese II	1.0
Chinese III	1.0
French I	1.0
French II	1.0
French III	1.0
Latin I	1.0
Latin II	1.0
Latin III	1.0
Spanish I	1.0
Spanish II	1.0
Spanish III	1.0

World Languages

Chinese Courses

Eighth grade students who passed Chinese I or the H.S. Chinese I test out exam will receive one (1.0) high school credit.

Chinese I A

1 Semester • 0.5 Credit

Course #: 9051-7

Prerequisite: None

This course focuses on the basic elements of Chinese and the cultures of the Chinese-speaking world. Students begin oral communication immediately, while written communication skills are developed gradually. Students are introduced to a rich variety of activities that develop communicative skills. Technology is used to reinforce learning.

Chinese I B

1 Semester • 0.5 Credit

Course #: 9051-8

Prerequisite: Chinese I A

Chinese I B continues the Chinese Level I course. It focuses on the basic elements of Chinese and the cultures of the Chinese-speaking world. Students continue to develop oral, reading, and written communication skills. Technology is used to reinforce learning.

Chinese II A

1 Semester • 0.5 Credit

Course #: 9052-7

Prerequisite: None

Chinese II A focuses on the continued development of competence in Chinese and knowledge of the cultures of the Chinese-speaking world. Reading material on familiar topics and writing short, directed compositions reinforce oral skills. Students have a growing awareness of the structure of the language. Technology is used to enhance learning.

Chinese II B

1 Semester • 0.5 Credit

Course #: 9052-8

Prerequisite: Chinese II A

Chinese II B continues the Chinese Level II course. It focuses on the elements of Chinese and the cultures of the Chinese-speaking world. Students continue to develop oral, reading, and written communication skills. Technology is used to reinforce learning.

Chinese III A

1 Semester • 0.5 Credit

Course #: 9053-7

Prerequisite: Chinese II B

Chinese III A focuses on the continued development of competence in Chinese and knowledge of the cultures of the Chinese-speaking world. Reading material on familiar topics and writing short, directed compositions reinforce oral skills. Students have a growing awareness of the structure of the language. Technology is used to enhance learning.

Chinese III B

1 Semester • 0.5 Credit

Course #: 9053-8

Prerequisite: Chinese III A

Chinese III B continues the Chinese Level III course. It focuses on the elements of Chinese and the cultures of the Chinese-speaking world. Students continue to develop oral, reading, and written communication skills. Technology is used to reinforce learning.

World Languages

French Courses

French I A

1 Semester • 0.5 Credit

Course #: 9021-2

Prerequisite: None

French 1 A focuses on the basic elements of French and the cultures of the French-speaking world. Students begin oral communication immediately while written communication skills are developed gradually. Technology is used to reinforce learning.

AND

French I B

1 Semester • 0.5 Credit

Course #: 9021-3

Prerequisite: French I A

French I B completes the French Level I course. It continues the focus on the basic elements of French and the cultures of the French-speaking world. Students continue to develop oral and written communication skills. Technology is used to reinforce learning.

French II A

1 Semester • 0.5 Credit

Course #: 9022-2

Prerequisite: French I B

French II A focuses on the continued development of competence in French and knowledge of the cultures of the French-speaking world. Reading material on familiar topics and writing short, directed compositions reinforce oral skills. Students have a growing awareness of the structure of the language. Technology is used to enhance learning.

AND

French II B

1 Semester • 0.5 Credit

Course #: 9022-3

Prerequisite: French II A

French II B completes the French Level II course. It continues to focus on the development of competence in French and knowledge of the cultures of the French-speaking world. Reading material on familiar topics and writing short, directed compositions reinforce oral skills. Students have a growing awareness of the structure of the language. Technology is used to enhance learning.

French III A

1 Semester • 0.5 Credit

Course #: 9023-7

Prerequisite: French II B

French III A focuses on various topics with an emphasis on the practical use of the language. Students use basic language structures with increasing accuracy and begin to combine learned material in new ways to express their thoughts. A component is the use of French beyond the classroom in the real world. Technology is used to enhance learning.

AND

French III B

1 Semester • 0.5 Credit

Course #: 9023-8

Prerequisite: French III A

French III B continues to focus on various topics with an emphasis on the practical use of the language. Students use basic language structures with increasing accuracy and begin to combine learned material in new ways to express their thoughts. An important component is the use of French beyond the classroom in the real world. Technology is used to enhance learning.

World Languages

Latin Courses

Latin I A

1 Semester • 0.5 Credit

Course #: 9041-2

Prerequisite: None

Site: Loy Norrix High School

Latin I A focuses on the basic elements of Latin and the culture of ancient Rome. While students begin oral communication immediately, the primary objective is to learn to read Latin with confidence. Listening, speaking, and writing skills are developed gradually. The course includes an introduction to Roman mythology and a study of English words derived from Latin.

Latin I B

1 Semester • 0.5 Credit

Course #: 9041-3

Prerequisite: Latin I A

Site: Loy Norrix High School

This course focuses on the basic elements of Latin and the culture of ancient Rome. While students begin oral communication immediately, the primary objective is to learn to read Latin with confidence. Listening, speaking, and writing skills are developed gradually. The course includes an introduction to Roman mythology and a study of English words derived from Latin.

Latin II A

1 Semester • 0.5 Credit

Course #: 9042-2

Prerequisite: Latin I B

Site: Loy Norrix High School

Latin II A focuses on the continued development of competence in Latin and knowledge of the culture of ancient Rome. Students have a growing awareness of the structure of the language and increase their ability to read Latin by developing the basic language skills. The study of Roman mythology and derivation of English words from Latin continue at this level.

AND

Latin II B

1 Semester • 0.5 Credit

Course #: 9042-3

Prerequisite: Latin II A

Site: Loy Norrix High School

Latin II B completes the Latin Level II course. It focuses on continued development of competence in Latin and knowledge of the culture of ancient Rome.

Latin III A

1 Semester • 0.5 Credit

Course #: 9043-7

Prerequisite: Latin II B

Site: Loy Norrix High School

Latin III A focuses on further development of competence in reading Latin with more complex grammatical structure. A more formal study of English derivatives and the opportunity to use written and spoken Latin-based English words are incorporated at this level. Interwoven with the Latin readings are topics from Roman mythology, history, and culture.

AND

Latin III B

1 Semester • 0.5 Credit

Course #: 9043-8

Prerequisite: Latin III A

Site: Loy Norrix High School

Latin III B continues to focus on further development of competence in reading Latin with more complex grammatical structure.

World Languages

Spanish Courses

Eighth grade students who passed Spanish I or the H.S. Spanish I test out exam will receive one (1.0) high school credit

Spanish I A

1 Semester • 0.5 Credit

Course #: 9011-2

Prerequisite: None

Spanish I A focuses on the basic elements of Spanish and the cultures of the Spanish-speaking world.

AND

Spanish I B

1 Semester • 0.5 Credit

Course #: 9011-3

Prerequisite: Spanish I A

Spanish I B completes the Spanish Level I course. It focuses on the basic elements of Spanish and the cultures of the Spanish-speaking world. Students begin oral communication immediately, while written communication skills are developed gradually. Technology is used to reinforce classroom learning.

Spanish II A

1 Semester • 0.5 Credit

Course #: 9012-2

Prerequisite: Spanish I B

Spanish II A focuses on the continued development of competence in Spanish and knowledge of the cultures of the Spanish-speaking world. Reading material on familiar topics and writing short, directed compositions reinforce oral skills. Students have a growing awareness of the structure of the language. Technology is used to enhance learning.

AND

Spanish II B

1 Semester • 0.5 Credit

Course #: 9012-3

Prerequisite: Spanish II A

Spanish II B completes the Spanish Level II course.

It focuses on the continued development of competence in Spanish and knowledge of the cultures of the Spanish-speaking world. Reading material on familiar topics and writing short, directed compositions reinforce oral skills. Students have a growing awareness of the structure of the language.

Spanish III A

1 Semester • 0.5 Credit

Course #: 9013-7

Prerequisite: Spanish II B

Spanish III A focuses on various topics with an emphasis on the practical use of the language. Students use basic language structures with increasing accuracy and begin to combine learned material in new ways to express their thoughts. A component is the use of Spanish beyond the classroom. Technology is used to enhance learning.

Spanish III B

1 Semester • 0.5 Credit

Course #: 9013-8

Prerequisite: Spanish III A

Spanish III B focuses on various topics with an emphasis on the practical use of the language. Students use basic language structures with increasing accuracy and begin to combine learned material in new ways to express their thoughts. A component is the use of Spanish beyond the classroom. Technology is used to enhance learning.

World Languages

Advanced Placement Courses

[W] = Weighted Grade Value (see page 24)

[C] = College Credit Available - *Students can earn college credit by taking any of the following Advanced Placement courses and passing the AP Exam.*

AP courses are intended for students in grades 10-12.

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester. A packet with detailed course information is available in the principal's office.

[AP] [W] [C] Advanced Placement French Language and Culture

2 Semesters • 1.0 Credits

Course #: 9092-789

Prerequisite: French III B

This is a rigorous course in which students reach a high level of proficiency in reading, writing, listening, and speaking the French language. Students are taught advanced conversational skills to lead them toward greater functionality in the francophone culture. Advanced writing skills are also introduced using literature as a springboard for writing and discussion. Technology is used to enhance learning.

[AP] [W] [C] Advanced Placement Latin

2 Semesters • 1.0 Credits

Course #: 9094-789

Prerequisite: Latin III B

This is a rigorous course in which students study the Latin poet Vergil and his magnum opus, The Aeneid. Students will read, translate, understand, analyze, and interpret the books of The Aeneid required by the AP syllabus. In addition, students will study the cultural, social, and political context of the poem.

[AP] [W] [C] Advanced Placement Spanish Language and Culture

2 Semesters • 1.0 Credits

Course #: 9091-789

Prerequisite: Spanish III B

This is a rigorous course in which students cover advanced Spanish writing and conversational skills. The course encompasses listening/oral skills, reading, comprehension, grammar and composition. The course provides an opportunity for students to continue their success in the Spanish program and to prepare for higher-level programs in college. Extensive training in organization and writing of compositions are an integral part of this course.

Unique Programs and Services

In addition to traditional course offerings and class settings, the following unique programs and services are available to meet specific student needs:

Advanced Placement Courses

Advanced Placement (AP) courses are offered to challenge students and provide an opportunity to earn college-level credit while enrolled in high school by taking the AP exam. All students enrolled in an AP course will be required to take the related AP exam in May. AP courses follow guidelines as suggested by The College Board. AP course descriptions found in this Bulletin are listed by department. AP courses not offered at your home school may be available at the other KPS high school or online through Michigan Virtual University (MVU). Consult your dean of students if you are interested.

Advanced Placement courses are intended for students in grades 10-12

Due to the rigor of AP courses, students are strongly encouraged to complete a summer assignment as suggested by the AP teacher. Content from summer assignments will be included on an assessment during the first semester.

A packet with detailed course information is available in the principal's office.

All Advanced Placement (AP) courses, all Academically Talented Youth Program (ATYP) courses, and college-level KAMSC courses offer weighted grade values. Refer to page 24 for further information about weighted grades.

ATYP (Academically Talented Youth Program)

ATYP are classes offered in collaboration with Western Michigan University (WMU) to provide an accelerated high school curriculum for students possessing unusually high mathematics and verbal abilities. Classes meet on the campus of WMU for two and a half hours per week (September through June). Students must meet qualifications to be eligible to participate in ATYP. For more information, please contact WMU at (269) 387-3553. Your dean of students can provide you with information regarding scheduling and credits.

Career and Technical Education (CTE)

This program is a county-wide consortium of school districts, KVCC and Kalamazoo/RESA. This program provides career and technical education opportunities, guidance, assessment, and job placement for all participating students. Because of the nature of CTE courses, space is limited. Applications are required for all CTE courses and are available in the Counseling Office. Course offerings begin on page 52 of this Bulletin of Courses.

Credit Retrieval

Students are required to pass all core academic courses. Students who do not successfully pass a course (required for graduation) will have to make up the course either during the regular school day (based on availability) or through alternative means (after-school program, summer school, or a KVCC course) and will have to pay the appropriate tuition and fees (where applicable). Credit retrieval is available through summer school, Edmentum Courseware, and Kalamazoo Valley Community College. Each is described below.

Summer School

KPS summer school offers students an opportunity to make up credit in core academic courses during the summer. Pertinent information regarding summer school will be made available in May through your guidance counselor or by contacting the Department of Secondary Education at 337-0168. As information becomes available, it will be posted on the Kalamazoo Public School's website at: www.kalamazoopublicschools.com.

Edmentum Courseware

Students have an opportunity to make up credit through Courseware, a computerized credit recovery system. Through Courseware, students work independently in a computer lab to complete an online course and recover credit. The lab is available at each high school during the school year. Interested students should contact their counselor or dean of students for more information. Students who successfully complete a Courseware course will receive credit for the course. However, this format does not fulfill the MDE online learning experience.

Kalamazoo Valley Community College (KVCC)

Students must receive approval from the Dean of Students to make up courses at KVCC. Students are responsible for all related costs.

Unique Programs and Services

Dual Enrollment

Students in grades 9-12 have an opportunity to apply for dual enrollment in a local college or university.

Qualifications

1. Students must be in the 9th - 12th grade.
2. Students must have received a dual enrollment qualifying score on one of the following exams: PLAN, ACT, PSAT, SAT, or MME for the particular content area in which they are requesting dual enrollment.
3. The course must not be available at Kalamazoo Central, Loy Norrix, or Phoenix High School.
4. Students must be registered for the appropriate number of regular on-site high school courses.
5. Western Michigan University requires a 3.5 GPA for juniors and a 3.25 GPA for seniors.
6. Students wishing to dual enroll for the first semester must complete the dual enrollment registration process prior the first day of school, and second semester in early December. Failure to do so will result in a denial of dual enrollment status.
7. The dean of students must approve any change to a student's dual enrollment prior to the course change or the student's dual enrollment status will be revoked.
8. Parents must reimburse the district's portion of tuition and fees for dropped courses before enrollment in future dual enrollment courses are considered.
9. Students dropping courses must appeal to the dean of students prior to enrolling in future courses.

Procedures

1. Pick up a Dual Enrollment form from the dean of students.
2. Fill out the form and return it to the dean of students for approval and signature.
3. Enroll for a class at the college or university. Be sure to take the completed Dual Enrollment form (with the dean of students' signature) when registering for the class at the college/university.
4. Bring a copy of the tuition bill to the dean of students.
5. The dean of students will adjust the high school schedule to reflect dual enrollment.
6. At the end of the college course, students must bring an OFFICIAL copy of their grades to the dean of students to close the dual enrollment case. Grades may be transferred to the high school transcript upon request. Failure to provide an OFFICIAL copy of the grades will result in denial of future dual enrollment requests.

Important

1. Students need to reapply each semester for dual enrollment. Until all steps are taken, regular on-site high school courses will remain on the student's schedule.
2. Dual enrollment pays for tuition, application fees, and lab fees. It does not pay for parking, books, or transportation.
3. Dual enrollment is available at Western Michigan University, Kalamazoo College, and Kalamazoo Valley Community College.
4. Dual enrollment does not cover the full tuition at Kalamazoo College or Western Michigan University. The tuition balance is the responsibility of the student and his/her parents.
5. NCAA requires that the college/university send an official transcript directly to the higher education institution.
6. Dual enrollment courses shall be at least three credit hours and each college course equates to one high school course on a student's high school schedule.
7. The student shall ensure the time a dual enrollment class meets and transportation to and from it, falls within the restraints of a full schedule of classes at the high school.

Textbooks

Kalamazoo Public Schools will fully or partially reimburse students for textbooks required for dual enrollment classes taken at a Community College. The reimbursement amount is determined by a formula established by the Michigan Department of Education and will vary depending upon course and textbook costs.

Reimbursement Procedure

In order to be reimbursed, the following criteria must be met:

1. Have a grade of 'C' or better as verified by a copy of the student's unofficial transcript.
2. At the end of the semester, you MUST sell back your books and have the bookstore employee fill out the amount for each book on the Buyback Receipt Form.
3. Submit a Textbook Reimbursement Form with purchase/rental receipts, buyback/rental return receipts to Vicky Leatherman, Administration Building.
4. When receipts are received, the business office will calculate your refund up to the amount allotted by the state. This reimbursement amount is determined by a formula established by the Michigan Department of Education.

Unique Programs and Services

Edmentum Courseware

Students have an opportunity to make up credit through Courseware, a computerized credit recovery system. Please see Credit Retrieval on page 8 and courses on page 73 for additional information.

Education for the Arts (EFA)

The mission of this county-wide program is to enhance arts education for all students in the public and private schools of Kalamazoo County making dance, literary arts, media arts, music, theatre and visual arts an essential part of their comprehensive education. EFA offers intensive classes in the arts and is designed to provide especially talented and motivated students, the opportunity to explore their abilities in depth. Weekend and evening classes are available. Course offerings and descriptions begin on page 64.

Homework Standards

Homework is a critical component to a college-going culture in Kalamazoo. High school students in grades 9-12 are expected to spend between 90-120 minutes on daily homework assignments (more time may be required for advanced classes). The 30 minutes of nightly reading may be included in the homework.

Kalamazoo Area Math and Science Center

KAMSC offers a curriculum in accelerated math, science and computer technology to high school students. The center educates the scientific and technical leaders of tomorrow in a nurturing environment focused on the technical and intellectual needs of advanced math and science students. Students attend KAMSC one-half of each school day and take their math, science, and technology courses. All remaining courses are taken at their home school. Acceptance into KAMSC is based upon application, teacher recommendation, results of the OLSAT and a timed impromptu writing activity. Students attending the KAMSC should check with their counselor about deviations from the graduation requirements.

Michigan Virtual University (MVU)**

MVU is an online resource that provides courses taught by certified teachers. Through MVU, students can prepare for tests, take a variety of courses, and learn any place where there is a computer and an internet connection. Students might consider MVU if they want to take a subject that is currently not offered at their high school, need to get around a scheduling conflict, or supplement learning experiences. Each semester of a MVU course is designed to count as a half-credit and credit comes through the high school, not MVU. The cost of required textbooks for MVU courses will be covered by the district. Consult with the dean of students for more information and approval to enroll in MVU. For more information, go to www.mivu.org.

Online Learning Options

Students interested in online learning are encouraged to speak to their counselor about available options, including:

Online Advanced Placement (AP) Courses**

Online Advanced Placement (AP) Courses are available to high school students who excel in their everyday classes. Courses such as Oceanography, Human Geography, and AP Economics are available. Students must contact their guidance counselor and dean of students for more information and approval to enroll in such courses.

Online courses must be pre-approved by the high school dean, and are an option for students if:

- a scheduling conflict exists for a required course
- the district doesn't offer a specific course
- the student wishes to extend his/her school day.

PowerSchool

Parents and students have the ability to view attendance, grades, and course-work information via the Internet. For more information, please visit the KPS website at: www.kalamazoopublicschools.com and click on *Parents* and then **PowerSchool Parent Portal Login**. Login information can be obtained from your child's school.

Unique Programs and Services

School Business Partnerships

School Business Partnerships join area businesses, students, and teachers for mutual benefit. The Law course has a partnership with the Kalamazoo Criminal Justice System and students in economics work with a business management consultant one day a week.

Student Assistance Program

This is a program that has well-trained professionals working toward prevention and intervention strategies for potential difficulties students may experience and for providing help to their families.

Student Services

The Department of Student Services coordinates a variety of instructional services for all students in KPS. This includes special education and related services for students who qualify under federal or state rules and regulations. Support Services will be provided according to the student's Individual Educational Plan (IEP).

All students are expected to have access to the general education curriculum in order to meet high school requirements. Local and state requirements for high school graduation are for ALL students; even those with an IEP or a Section 504 Plan. While modifications may be made in very limited cases for students with an IEP or Section 504 Plan, there are no "opt out" provisions.

The programs and services support each student's educational success and prepare him/her for employment or other post-school experiences. The IEP will determine educational services that will assist the student to prepare for transition from secondary education to post-secondary life. Students have a variety of experiences including career exploration, job shadowing, and placement on and monitoring of job sites.

Students in grades 9-12 may be eligible for a personal curriculum. A personal curriculum (PC) is a documented process that modifies certain requirements of the Michigan Merit Curriculum (MMC), which must be met for the awarding of a high school diploma in Michigan. A personal curriculum must be requested on an individual basis and must meet certain conditions to be approved. The personal curriculum must be requested by the parent, or legal guardian or staff.

Students with an Individualized Education Plan (IEP) are eligible to modify the MMC to a greater extent than students without an IEP. The personal curriculum can be requested at any time for a student with a disability. For other students, timeline limitations apply. A student transferring into high school from outside the state or from a non-public school after the successful completion of two years of high school credit may be eligible for a personal curriculum.

Parents, legal guardians, or staff may request a personal curriculum by completing the appropriate form in the counseling office. All requests are reviewed by a personal curriculum committee and approval is based upon individual student needs and the modification requested. Please note: Requesting a PC does not guarantee the personal curriculum modifications will be made (for more details, contact the counseling office).

Summer School

Students have an opportunity to make up credits due to attendance or poor academic performance during the summer. Space and course offerings are limited and there is a cost for this option.

Testing Out for Credit

Section 380.1278(a) of the School State Code requires school districts . . . *"to grant high school credit to a student enrolled in high school, but who is not enrolled in the course, and exhibits a reasonable level of mastery of the subject matter of the course by attaining a grade of not less than 'C' on a comprehensive exam"*.

Additional information about testing out is available in the counseling office at each high school. Refer to page 25 for more information about the test out option.

Three, Four, and Five Year Graduation Plans

The Kalamazoo Public Schools' high school graduation plan is flexible to meet the unique and varied needs of its students. Students may wish to accelerate their plan by graduating in fewer than four years, or in more than four years, if necessary. For specific details or to vary your plan, please consult with your building's Dean of Students.

Essential Characteristics of Quality Online Learning Experiences

In order to fulfill the Online Experience requirement through incorporating the 20 hours of online learning experiences, it should be noted that quality online learning experiences have common characteristics and meet METS (Michigan Educational Technology Standards - <http://www.techplan.org/>). While each experience may not address every characteristic, it is assumed that upon completion of the minimum collective 20 hours of experiences, **each of the following characteristics will have been represented:**

Characteristics of Online Learning	Explanation
Content Alignment and Use of Media Every experience is not only aligned with METS but must also be aligned to Content Standards that support and enhance your curriculum content.	<ul style="list-style-type: none"> Align with state and local standards, benchmarks, and expectations. Contain learning activities based on sound instructional design methodologies. Utilize audio, video animation, simulations, and other engaging multimedia. Provide opportunities to use online tools and applications that make learning more relevant to the real world.
Sustained Learning Meaningful online learning activities usually require a period of time for students to practice using technology tools, explore the virtual learning environment and develop a comfort level in operating in this space	<ul style="list-style-type: none"> Provide an opportunity for students to work and learn in a virtual environment for a minimum accumulation of twenty hours. Provide an opportunity for students to develop working relationships with an educator and other students that do not attend their local school.
Life-long Learning Skills As a result of the online learning experiences, students will develop proficiencies for online learning throughout their lives. They will become life-long learners and will develop and embrace online skills through accessing, analyzing and evaluating information resources; incorporating communication skills; and practicing problem-solving, interpersonal and self-directional skills.	<ul style="list-style-type: none"> Access, analyze, and manage or store information gathered from online sources. Evaluate information from various online resources for accuracy, bias, appropriateness, and comprehensiveness. Create and share electronic documents and multimedia materials with educators and other students. Post messages to threaded discussions, participate in simultaneous chats, blogs, and/or similar forms of communication. Make independent learner decisions. Develop, implement, and communicate new ideas to others via the internet. Monitor one's own learning needs and take responsibility for meeting these needs. Demonstrate network etiquette and ethical behavior in an online community context. Navigate Web sites and other online resources such as Podcasts, and determine the value and reliability of content collected. Take tests, complete assignments, and respond to instructor feedback in an online environment. All students are required to be involved in developing working relationships with an educator and other students online. Look for online collaboration tools, such as a learning management system that must also include collaborative tools such as discussions/forums, Wikis, and Google Docs and Spreadsheets where students can work cooperatively simultaneously and separately.
Educator, Expert and Student Involvement Students learn best in an online learning environment when they have the opportunity to interact with educators, other adult experts, and with other students.	<ul style="list-style-type: none"> Include an instructor who can facilitate student learning, online discussions and other activities. Provide an opportunity for students to work and learn in a virtual environment for a minimum accumulation of twenty hours. Utilize teacher-driven online assessments or other tools that offer instructor feedback to students.
Technology Tools In the digital world, students need to learn to use the tools that are essential to everyday life and workplace productivity.	<ul style="list-style-type: none"> Use a laptop or desktop computer, Internet connection, MP3 player, camcorder, digital camera, personal digital assistant, cell phone, or other multimedia device. Use spreadsheets, databases, email programs, word processor, Web browser, search engine software, calendar tools, groupware, or graphical and multimedia programs for presentations.

Essential Characteristics of Quality Online Learning Experiences

Student: _____ Current Grade: _____ Student ID: _____

School: _____ Projected Graduation Year: _____

Counselor _____ Date: _____

-
- ☐ I have fulfilled the minimum 20 hours of online learning experiences in accordance with the Online Experience Guidelines published by the Michigan Department of Education.
 - ☐ I have explained and included details (online experience, course titles, format/delivery, content, dates, etc.) on how the Essential Characteristics of Quality Online Learning Experiences have been met. I have attached all supporting documentation to this form. (*See page 131 for explanation of Essential Characteristics of Quality Online Learning Experiences.*)
 - ☐ My _____ instructor has incorporated and integrated the online experience into my

_____ (course).

Above is an accurate representation of my academic career. I understand there may be consequences associated with inaccuracies on the above information.

Student's Signature: _____

Date: _____

Parent/Guardian's Signature: _____

Date: _____

COMPLETE THIS FORM AND RETURN TO YOUR COUNSELOR
(This waiver must include student AND parent/guardian signatures.)

OFFICE USE ONLY

Date Received: _____

Student ☐ HAS ☐ HAS NOT met the waiver conditions

☐ Verified: _____

Counselor's Signature

Dean of Student's Signature

Merit Academic Credit (MAC)

Students may earn academic credit in math, ELA, science, world language, and/or Visual, Performing and Applied Arts through specific Board-approved Career Technical Education (CTE) courses offered through the KPS Business Education, Marketing, Family and Consumer Science, Career and Technical Education (CTE), and Education for the Arts (EFA) departments. Such courses are identified throughout this bulletin **[MAC]**. These identified courses, which although taught in another department, have a high degree of course objectives which teach computers, mathematics, the arts, or science concepts and skills.

Course	Department Page #	Merit Credit
Accounting B	Business Education pg. 47	4 th Related Math 3 rd Science 2 nd World Language
Automotive Technology	CTE pg. 63	4 th Related Math 3 rd Science 2 nd World Language
Aviation Technology	CTE pg. 63	4 th Related Math 3 rd Science 2 nd World Language
Barbering	CTE pg. 60	Visual, Performing and Applied Arts 2 nd World Language 3 rd Science
Basic Marketing	Business Education pg. 50	Visual, Performing and Applied Arts 4 th Related Math 2 nd World Language
Business Finance	Business Education pg. 48	4 th Related Math (0.5) 2 nd World Language (0.5)
Business Information Systems	Business Education pg. 49	Visual, Performing and Applied Arts 4 th Related Math 2 nd World Language
Business Law	Business Education pg. 49	2 nd World Language (0.5)
Conservation Biology	CTE pg. 56	3 rd Science 2 nd World Language
Construction Trades	CTE pg. 57	Visual, Performing and Applied Arts 4 th Related Math 3 rd Science 2 nd World Language
Cosmetology	CTE pg. 60	Visual, Performing and Applied Arts 2 nd World Language 3 rd Science
Culinary Arts	CTE pg. 58	Visual, Performing and Applied Arts 4 th Related Math 3 rd Science 2 nd World Language
Dental Assisting	CTE pg. 58	3 rd Science 2 nd World Language
Educator Academy	CTE pg. 60	Visual, Performing and Applied Arts 2 nd World Language 3 rd Science
Electrical Technology	CTE pg. 57	4 th Related Math 3 rd Science 2 nd World Language
Emergency Medical Technician	CTE pg. 58	3 rd Science 2 nd World Language
Film and Video Arts	EFA pg. 67	2 nd World Language

Merit Academic Credit (MAC)

Course	Department Page #	Merit Credit
Food and Nutrition	Family & Consumer Sci. pg. 90	Visual, Performing and Applied Arts .5 2 nd World Language
Heating, Ventilation, Air Conditioning and Refrigeration	CTE pg. 57	4 th Related Math 3 rd Science 2 nd World Language
Horticulture	CTE pg. 56	3 rd Science Credit 2 nd World Language
International Business	Business Education pg. 49	4 th Related Math (0.5) 2 nd World Language (0.5)
Marketing, Entrepreneurship, and Career Plan	Business Education pg. 50	2 nd World Language
Mechatronics	CTE pg. 55	4 th Related Math 3 rd Science
Parenting	Family & Consumer Sci. pg. 90	Visual, Performing and Applied Arts 2 nd World Language
School Store: Maroon Shop	Business Education pg. 51	2 nd World Language (0.5)
Sports and Entertainment Management	Business Education pg. 51	2 nd World Language (0.5)
Veterinary Science	CTE pg. 56	3 rd Science 2 nd World Language
Welding	CTE pg. 62	Visual, Performing and Applied Arts 4 th Related Math 3 rd Science 2 nd World Language