

CLIMAX-SCOTTS HIGH CURRICULUM GUIDE

2026-2027

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General Information

Your program of studies can help you....

- Review your progress
- Plan your classes each year
- Find out about special programs

Your counselor can help you...

- Recognize your aptitudes
- Understand your abilities
- Identify your interests
- Plan classes in sequence for your success

Together, with your parent(s) and your counselor, we can create an educational plan that will lead you to your goals for graduation and post-secondary education!

This course catalog is one of the many tools you may use to plan your high school program. It provides brief descriptions of the courses, diploma requirements, and information on special programs available in our county.

Throughout the school year, you have access to test results, career information, college catalogs, college visits, and counselors who want to help you succeed. We look forward to working with you.

This Program of Studies has been prepared as a listing of courses available to Climax-Scotts students during the 2026-2027 school year.

Courses may be altered or deleted by subsequent Board of Education or administrative action after this catalog has been published. Students should maintain close contact with the counseling office to keep informed of courses available.

An updated version is maintained online, which contains corrections and modifications as needed.

KALAMAZOO COUNTY
EARLY/MIDDLE COLLEGE
A division of Kalamazoo Regional Educational Service Agency

KALAMAZOO RESA
EfA
EDUCATION FOR THE ARTS



KALAMAZOO RESA
CTE
Career & Technical Education

Curriculum Guide

Art Department

The Art Department serves those students who are interested in learning by doing. Courses are based upon artistic production rather than a textbook approach. Demonstrations and lectures are integrated with the studio production to guide the student to an understanding of the subject. Craftsmanship, creativity and willingness to work are the main criteria for evaluation of student work. Some outside work initiated by the student is encouraged to foster increased skill.

Course	**Recommended Grade Level**
Art I	9-12
Independent Study Art II	10-12

Art I **Grades: 9-12** **Credit: 1 (2 semesters)**

Prerequisite: None

Purpose: To introduce the student to all of the basic areas of art such as drawing, design, painting, sculpture, and textiles. Art history will be incorporated with these areas of study. Students may choose to buy some of their own supplies if they are not satisfied with the supplies furnished by the school.

Topics studied:

1. Design, Composition, and Color
2. Calligraphy
3. Tempera Painting
4. Watercolor Painting
5. Perspective Drawing
6. Art History
7. Value Study
8. Pen & Ink Drawing
9. Printmaking
10. Pencil/Pastel Drawing
11. Scratchboard
12. Papier Mâché

Independent Study Art II **Grades: 10-12** **Credit: 1 (2 semesters)**

Prerequisite: Art I (1.0 credit)

Purpose: To allow the advanced art student to continue in a more in-depth study of the main areas in art. Art history will be incorporated with these areas of study. Students may choose to buy some of their own supplies if they are not satisfied with supplies furnished by the school.

Topics studied:

1. Design, Composition, and Color
2. Calligraphy
3. Figure Drawing
4. Water Color
5. Nature Drawing
6. Printmaking
7. Portrait Drawing
8. Acrylic
9. Collage/Assemblage
10. Sculpture
11. Art History

Business Education Department

The goals of the Business Education Department are twofold: first, to ensure that every student has basic skills to prepare for a technological world, and second, to provide training in marketable skills for business employment, giving students an understanding of business procedures that can be used in the transition from student to worker and consumer.

Course	Recommended Grade Level
Business Management & Administration (BMA) Computers	10-12
Accounting	10-12
Marketing	10-12
Pre-Employment	9

BMA Computers — Grades: 10-12 — Credit: 1 (2 semesters)

Prerequisite: None

Purpose: To provide students with the opportunity to gain the basic skills necessary for employment in an office or business-related environment. Students will learn techniques and receive training on equipment/software used in many businesses today, with special emphasis on Microsoft Office. Students have the opportunity to earn articulated credit at KVCC and Davenport University, as long as they receive a "B" or higher in this class. Applications for articulated credit are completed in May of each academic year.

Topics studied:

1. Microsoft Office Specialist Certification 2013
2. Proper interviewing techniques
3. Entrepreneurs/Business Plan
4. Career Pathways – Career Searches
5. "Employability Essentials for Success"
6. Portfolio completion/job shadow

Accounting — Grades: 10-12 — Credit: 1 (2 semesters)

Prerequisite: None

Purpose: To teach students how to organize personal and business financial information. The course will provide students with basic knowledge to manage their own financial records as well as possibly move into advanced accounting classes at the college level. Also, this course will provide students with the opportunity to gain the basic skills necessary for employment in an office or business-related environment. Students can earn articulated credit at KVCC, Baker College, Davenport University, Ferris State University, Grand Rapids Community College, and Lake Michigan College, as long as they receive a "B" or higher in this class. Applications for articulated credit are completed in May of each academic year.

Topics studied:

1. Recording and reporting of business transaction in journals, ledgers, and financial documents
2. Accounting for a sole proprietorship, corporation, and a partnership
3. Automated accounting systems
4. Employability Essentials for Success
5. Proper Interviewing Techniques
6. Portfolio Completion

Marketing Grades: 10-12 Credit: 1 (2 semesters)

Prerequisite: None

Purpose: To develop the student's skills by exploring consumer behavior, purchasing necessities, services, and examining their roles in the marketplace. The students will create various marketing projects.

Topics studied:

1. Role of the consumer in our economy
2. Profit/loss
3. Being an informed consumer
4. Buying essentials
5. The 4 P's
6. Buying services, i.e., insurance, banking

Pre-Employment Grade: 9 Credit: .5 (1 semester)

Prerequisite: None

Purpose: The class begins with a unit on the transition to high school, building communication and conflict resolution skills, exploring connections to the community, understanding learning styles and personal values, goal setting, and respecting diversity. The second portion of the class focuses on exploring each career pathway available. Students will become aware of different fields or careers and consider their interest in each field, and how that will affect their four years of high school. Students will consider the steps that must be taken to reach goals in different career areas, and the connection between core curriculum and the world of work. Students will begin construction of a portfolio that they will use throughout their high school career. The portfolio will contain: Educational Development Plan, autobiography, resume, examples of proficiency, and career pathway explorations. Xello will be used to assist in the process.

Elective Courses

Course	Recommended Grade Level
Peer to Peer	9-12
Journalism	9-12
Publications	11-12
Service Learning	9-12
Senior Seminar	12

Peer to Peer **Grades: 9-12** **Credit: 1 (2 semesters)**

Prerequisite: None. Student must fill out an application form and if selected go through a short interview process to determine an appropriate fit for a peer**.**

Purpose: Peer to Peer is rooted in evidence-based practices and intentionally connects students with and without disabilities across the school day to promote belonging for all students. The curriculum includes and evaluations are based on; journaling and participation through internet modules, pre/post assessments, attendance, classroom participation with peer, and a final project.

Topics studied:

1. Leadership
2. Communication Skills
3. Modeling Social Experiences
4. Advocating for Others

Journalism **Grades: 9-12** **Credit: 1 (2 semesters)**

Prerequisite: None

Purpose: Journalism presents students with the skills and information that are essential for reliable, accurate, and independent news reporting. The news outlets for this course will teach students how to plan and create blogs and podcasts using web tools, applications, and computer software.

Topics studied:

1. Current media trends with focus on journalism
2. Collaborative practices
3. Original meaningful journalism
4. Media outlets
5. Reaching various audiences
6. Plan content, setup, and maintenance of blogs and podcasts

Publications **Grades: 11-12** **Credit: 1 (2 semesters)**

Prerequisite: Maximum class size of 15 students. Enrollment in class is by teacher approval only, based on student's qualifications and teacher recommendations.

Purpose: The main project of the class will be to produce the school yearbook. Production will involve several phases of publishing, including: design and layout, photography, and advertising. Production work will include a variety of styles of writing and use of a web-based computer program to aid the production process. As part of the class and grade, students will be required to actively sell advertising space, as outside advertisement is the major source of funding for this publication. In addition, students are expected to take pictures at events at the school, requiring their attendance at sporting events. Deadlines must be met throughout the year. Failure to meet deadlines will result in removal from the class.

Topics studied:

1. Photography
2. Advertising
3. Graphic design, layout, and lettering

Service Learning Grades: 9-12 Credit: 1 (2 semesters)

Prerequisite: None.

Purpose: This course helps students become more connected to their community through collaborative problem solving. This course requires students to research community needs to create service projects that meet these needs. This may involve working with local service providers, businesses, and non-profit organizations. This class ultimately allows students to connect classroom knowledge to real-world challenges.

Topics studied:

1. Investigating Community Needs
2. Planning and Partnership
3. Direct Action and Implementation
4. Structured Reflection

Senior Seminar Grade: 12 Credit: 1 (2 semesters)

Prerequisite: None.

Purpose: This course will prepare 12th-grade students for graduation, post-secondary education, and career readiness. It spans a full year balancing college/post-secondary/career applications and exploration with practical life skills. There is a focus on transition planning, financial literacy, and professional communication.

Topics studied:

1. Post-secondary Option Exploration
2. Application Process for Post-secondary Choices
3. Financial Aid
4. Career Readiness
5. Personal Finances
6. Independent Living Skills

English Department

The English Department offers English courses including literature, reading, and writing development, grammar improvement, speaking, and listening. Also offered is instruction in media production and publication.

Course **Recommended Grade Level**

English 9 9

English 10 10

English 11 11

English 12 12

Creative Writing.....9-12

English 9 (Required) **Grades: 9** **Credit: 1 (2 semesters)**

Prerequisite: None

Purpose: To provide students with an extensive study of basic language skills. Students will be involved in writing paragraphs and compositions where emphasis will be on organization and clarity. Some creative writing and oral work will be assigned. In Literature, the students learn terms and techniques related to each form, read many selections of each and discuss or write about most selections.

Topics studied:

1. Review of grammar
2. Reading literature
3. Writing mechanics
4. Reading non-fiction
5. Paragraph & essay organization
6. Study skills
7. Research skills

English 10 (Required) **Grades: 10** **Credit: 1 (2 semesters)**

Prerequisite: English 9

Purpose: English 10 will continue (with the intent to master) the language arts skills learned in English 9. The focus of the course will be on the construction of a variety of compositions by use of the writing process, pre-writing to publication. Focus will also be on note-taking, listening, and organizational skills as well as strategies meant to assist students in better understanding both fiction and informational texts.

Topics studied:

1. Reading fiction and non-fiction
2. Writing mechanics and grammar development
3. Defining words in content
4. The 5 paragraph essay
5. Listening skills
6. Group dynamics
7. Discussion
8. Analyzing literature in writing
9. Argument

English 11 (Required) Grades: 11 Credit: 1 (2 semesters)

Prerequisite: English 10

Purpose: To begin preparing students for college level reading and writing. The study and analysis of both college level informational and literary texts will be the focus of the reading in the course. For writing, students will write papers in persuasive, narrative, and expository forms, with an emphasis placed on conventional correctness (i.e., grammar and formatting), as well as the use of support, research, and rhetorical methodology.

Topics studied:

1. Exploring the human condition through literature; relating literary themes to our own lives
2. Forming strategies to encounter difficult texts
3. Enhancing technical writing skills for higher level writing
4. Learning how to process and utilize information
5. Synthesizing information with critical thinking in written and oral forms
6. Developing rhetorical strategies to persuade audiences
7. Developing strategies to decipher difficult vocabulary
8. Utilizing and mastering the writing process of prewriting, writing, editing, and revising
9. Learning how to share research with audiences
10. Using language as a creative form of self-expression

English 12 (Required) Grades: 12 Credit: 1 (2 semesters)

Prerequisite: English 10

Purpose: To prepare students for college and/or the professional world. This course is a melding of both college preparation and workplace preparation. Students will continue to develop their understanding of college level reading and writing while also learning strategies to become successful contributors to the workforce. To achieve these objectives, a wide range of texts will be studied, including but not excluded to literary texts, informational texts, and current events in the media. Students will also learn how to write for numerous types of audiences, including but not excluded to academic, social, and professional.

Topics studied:

1. Exploring the human condition through literature; relating literary themes to our own lives
2. Forming strategies to encounter difficult texts
3. Enhancing technical writing skills for higher level writing
4. Learning how to process and utilize information
5. Synthesizing information with critical thinking in written and oral forms
6. Developing rhetorical strategies to persuade audiences
7. Developing strategies to decipher difficult vocabulary
8. Utilizing and mastering the writing process of prewriting, writing, editing, and revising
9. Learning how to share research with audiences
10. Using language as a creative form of self-expression

Creative Writing Grades: 9-12 Credit: .5 (1 semester)

Purpose: To explore all of the areas of creative writing, including short stories, poetry and short plays. This will involve criticism and revision, possible imitation of models, publication and performance presentations and creative writing forums, and possible investigation into job markets and careers. Students will share with others almost everything written for the class. Participation will also be required in constructive criticism of others' writing. A portfolio of student's semester writing will be created as part of the final exam.

Topics studied:

1. Scene description
2. Short Stories
3. Character Sketches
4. Revision
5. Poetry Forms and Types
6. One-Act Plays
7. Descriptive/Narrative
8. Memorization
9. Dialogue Sketches
10. Reading and Performance

Foreign Language Department

Climax-Scotts is currently offering Spanish I and Spanish II to meet the Michigan Merit Curriculum foreign language requirements.

Course	Recommended Grade Level
Spanish I	7-12
Spanish II	8-12

Spanish I **Grades: 7 -12** **Credit: 1 (2 semesters)**

Prerequisite: None

Purpose: Students begin Spanish by focusing on the four key areas of foreign language study: listening, speaking, reading, and writing. This course represents an ideal blend of language learning pedagogy. Each unit students study consists of a new vocabulary theme, reading and listening comprehension activities, speaking, writing activities, multimedia presentation, interactive activities, cultural activities, and practice which reinforces vocabulary and grammar. There is a strong emphasis on providing context and examples for the language conc3epts presented in each unit. Students should expect to be actively engaged in their own language learning, become familiar with common vocabulary terms and phrases, comprehend a wide range of grammar patterns, participate in simple conversations, respond appropriately to conversational prompts, compare cultural practices, products, and perspectives of various Spanish-speaking countries. It is also important to assess language progression throughout the semester. This course has been aligned to Michigan World Language Standards.

Topics studied:

1. Common vocabulary
2. Conversational terms and phrases
3. Grammar patterns
4. Conversational speaking
5. Writing using vocabulary and grammar
6. Read, write, speak, & listen for meaning
7. Analyze & compare cultural practices
8. Demonstrate proficiency through assessment

Spanish II **Grades: 8-12** **Credit: 1 (2 semesters)**

Prerequisite: Spanish I

Purpose: To provide a more in-depth study of the Spanish language allowing students to increase fluency and proficiency. Students will increase their vocabulary and grammatical competencies in the four key areas of foreign language study.

Topics studied: A basic construction of the topics studied in Spanish I with increased depth of study and language complexity.

Health/Physical Education Department

Physical Education is designed to promote and create an awareness of physical fitness, both now and in the future. These classes are offered to teach skills that can be carried on into life after graduation. Team sports are offered for those students who enjoy working in groups to achieve a common goal. Each Physical Education class will receive instruction in weight training and fitness activities for lifetime application.

Course	Recommended Grade Level
Health/Physical Education	9
Advanced Physical Education	10-12

Health/Physical Education **Grade: 9** **Credit: 1 (2 semesters)**

Prerequisite: None

Purpose: To provide students with a background in basic health and physical education principles which can be applied to both physical and mental health throughout their lives.

Topics studied:

1. Substance use and abuse
2. Teen Suicide
3. Physical Fitness
4. Reproductive Health
5. Personal appearance/hygiene
6. Volleyball
7. Disease: Major killers
8. Soccer/Speed Ball
9. Personality
10. Softball
11. Body systems
12. Weightlifting
13. First Aid/CPR
14. Circuit Training
15. Nutrition and exercise
16. Football
17. Emotions and human relations
18. Basketball
19. Stress and your health

Advanced Physical Education **Grades: 10 -12** **Credit: 1 (2 semesters)**

Prerequisite: 9th grade PE and permission of the instructor.

Purpose: To provide students with the opportunity to improve muscular strength and power, speed and endurance. Students will receive instruction on executing power and Olympic lifts as well as lifts to improve balance and coordination. This class is designed to improve the athleticism in any student.

Topics studied:

1. Major muscles
2. Elements of fitness
3. Circuit training
4. Sports training principles
5. Interval training
6. Methods of weight training

Mathematics Department

The offerings within the Mathematics Department are designed to give each student the skills needed to prepare an individual for jobs or further education after graduating and for certain science classes. Four (4) math credits are required for graduation and a student must take a math class their senior year.

Course	Recommended Grade Level
Algebra A	9
Algebra B	10
Algebra I	8-9
Geometry	9-11
Algebra II	9-12
Personal Finance	9
Sports Statistics	10-12
Pre-Calculus	11-12

Algebra A **Grade: 9** **Credit: 1 (2 semesters)**

Prerequisite: None

Purpose: Designed for students to go at a slower pace than Algebra I course. Students will be introduced to the first steps of higher mathematics This is the first half of Algebra I.

Topics Studied:

1. One and two variable statistics
2. Linear equations, inequalities, and systems
3. Functions
4. Introduction to exponential functions

Algebra B **Grade: 10** **Credit: 1 (2 semesters)**

Prerequisite: Algebra A

Purpose: Designed for students to go at a slower pace than Algebra I course. This is the second half of Algebra I.

Topics Studied:

1. One and two variable statistics
2. Linear equations, inequalities, and systems
3. Functions
4. Exponential functions
5. Introduction to quadratic equations
6. Quadratic equations

Algebra I **Grades: 8-9** **Credit: 1 (2 semesters)**

Prerequisite: None

Purpose: To introduce students to the first steps of higher mathematics, the main emphasis of the course being finding solutions to various types of equations and inequalities. 8th grade

students, prior to the beginning of the school year, may choose to take an exam to test into Algebra I.

Topics studied:

1. One-variable statistics
2. Linear equations, inequalities, & systems
3. Two-variable statistics
4. Functions
5. Introduction to exponential functions
6. Introduction to quadratic functions
7. Quadratic equations

Geometry Grades: 9-12 Credit: 1 (2 semesters)

Prerequisite: Algebra I

Purpose: Geometry is the study of objects in two and three dimensions. This study further develops a student's logical thinking process and analytical abilities. This course is recommended for any student seeking education beyond high school.

Topics studied:

1. Construction and rigid transformations
2. Congruence
3. Similarity
4. Right triangle trigonometry
5. Solid geometry
6. Coordinate geometry
7. Circles
8. Conditional probability

Algebra II Grades: 9-12 Credit: 1 (2 semesters)

Prerequisite: Algebra I

Purpose: A more advanced study of Algebra. Students will learn to master the skills acquired in Algebra I and new functions that will be helpful in other advanced math and science courses.

Topics studied:

1. Sequences and functions
2. Polynomials and rational functions
3. Complex numbers and rational exponents
4. Exponential functions and equations
5. Transformations of functions
6. Trigonometric functions
7. Statistical inferences

Personal Finance Grade: 9 Credit: .5 (1 semester)

Prerequisite: None

Purpose: This course will cover financial decision making while developing an understanding of the impact personal experiences, attitudes, and values and how they relate to financial decisions and behavior.

Topics studied:

1. Financial Decision Making In Context
2. Saving and Spending
3. Borrowing
4. Earnings
5. Investing
6. Managing Risk
7. Financing Post-Secondary Education

Sports Statistics Grade: 11-12 Credit: 1 (2 semesters)

Prerequisite: Algebra I

Purpose: Students will use data analysis, statistical reasoning, data visualization, and technology to examine and synthesize real world sports data. This class will include activities such as projects, case studies, and hands-on exercises.

Topics studied:

1. Statistical Literacy & Thinking
2. Basic Statistical Concepts
3. Relationships and Probability
4. Inferential Statistics
5. Data and Distribution
6. Making Statistical Conclusions

Pre-Calculus Grades: 11-12 Credit: 1 (2 semesters)

Prerequisite: Algebra II

Purpose: Pre-Calculus is a rigorous option taken after Algebra 2 in preparation for collegiate mathematical courses. Concepts studied will build on what was learned in Algebra 2 while also setting a foundation for skills necessary to be successful in college-level mathematics.

Topics studied:

1. Advanced Functions
2. Graphs
3. Complex Numbers
4. Vectors
5. Comprehensive Trigonometry
6. Rational Functions
7. Matrices
8. Probability and Combinatorics

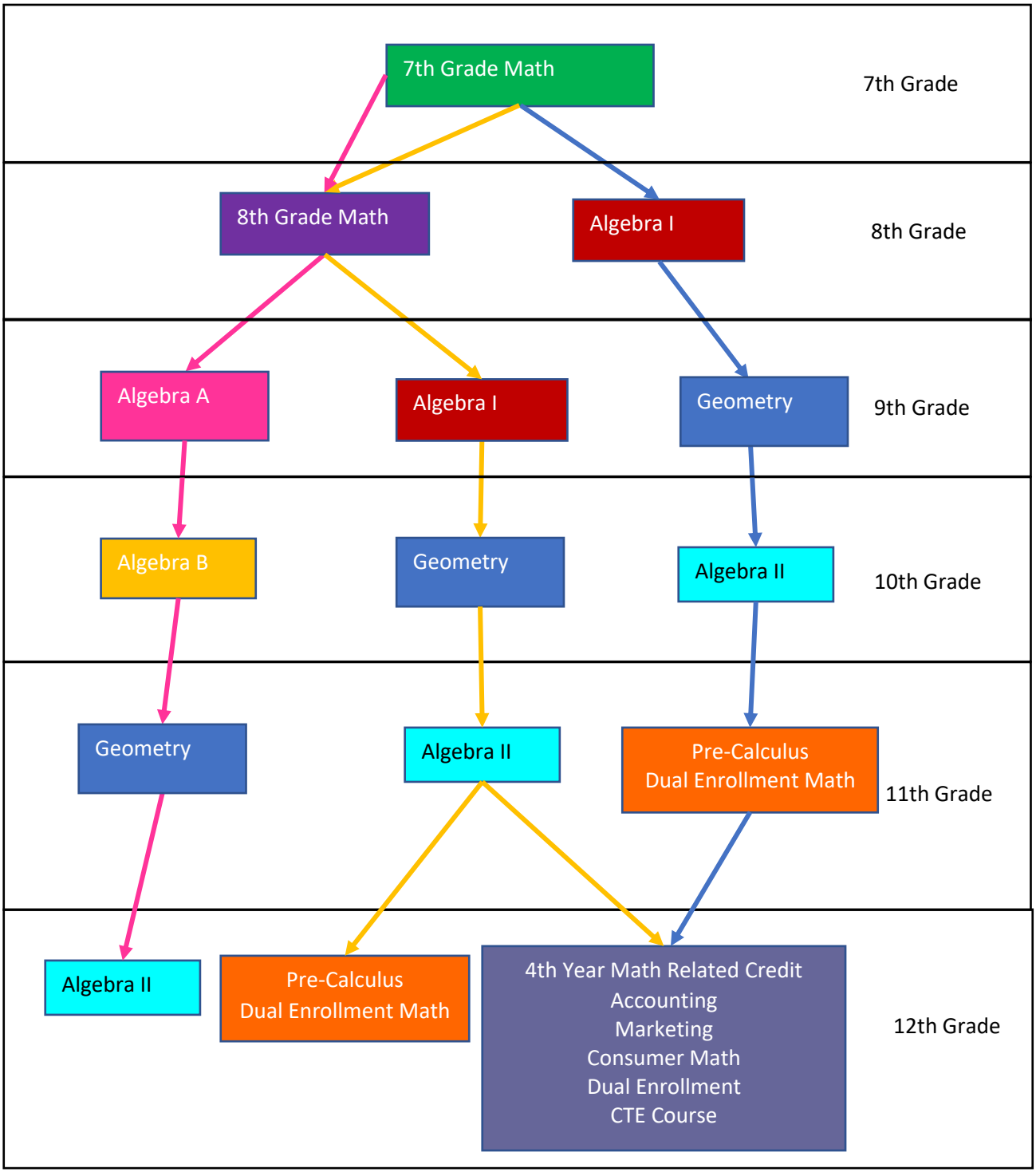
HS Math Intervention Grades: 9-12 Credit: 1 (2 semesters)

Purpose: High school math intervention is a structured, targeted instructional approach designed to help students who are struggling with grade-level math—such as Algebra I, Geometry, or Algebra II—close foundational learning gaps and build proficiency.

Topics studied:

1. Explicit Systematic Instruction
2. Targeted Reteaching
3. Multiple Representations of Concepts
4. Targeted Technology (IXL)
5. Strengthen Conceptual Understanding
6. Increase Mathematical Fluency

Mathematics Course Sequence Pathways



Music Department

The Music Department of Climax-Scotts High School is dedicated to fulfilling the needs and interests of all students in the system. During the school year creative performances, service projects, and travel opportunities are required for students in the program. It is the desire of the Music Department to provide a means for the students to gain an appreciation of all forms of music.

Course	Recommended Grade Level
High School Band	9-12
Choir	9-12
Jazz Band	9-12

High School Band **Grades: 9-12** **Credit: 1 (2 semesters)**

Prerequisite: Teacher recommendation

Purpose: The purpose of the organization is to provide a far-reaching educational experience in the field of instrumental music. The goals are to make the band program the best it can be in performance achievement, musical knowledge, musical and performance exposure, and to develop intrinsic values of self-discipline, pride, respect, and cooperation. The ultimate goal of study is to develop a life-long appreciation for music. Students should consider band a yearlong commitment and plan accordingly.

Class Required Activities/Responsibilities: The Marching Band performs at all home football games, Homecoming and Memorial Day parades, and some years at regional marching competitions. The Concert Band performs at three (3) concerts during the year, usually in December, March, and May as well as Band Festivals, plus graduation. The Pep Band performs at all Friday home basketball games. Other responsibilities required of band students are to attend any trip or field trip that may occur and attend after-school rehearsals in preparation for marching and concert seasons. Band camp is required and graded. ***All marching students must attend the camp that occurs in August.***

Topics studied:

1. Fundamentals of Marching Band
2. Music history
3. Concert Band
4. Music theory
5. Popular and traditional music
6. Music appreciation
7. Critical listening
8. Aesthetic sensitivity

Choir **Grades: 9-12** **Credit: 1 (2 semesters)**

Purpose: Choir allows students to study and participate in an activity-oriented class. The choral program exposes students to a variety of music styles; develops vocal techniques and is a means of stimulation creative, artistic, social, and musical growth. The choir performs at least two (2) concerts a year, usually in December and May. Additionally, the choir goes Christmas caroling, performs for local groups and associations, and attends the Vocal Music Day at a local university.

**May not be offered every year depending on interest and enrollment*

Topics studied:

1. Vocal techniques
2. Music theory
3. Musical styles
4. Music appreciation
5. Music history
6. Critical listening

Jazz Band Grades: 9-12 Credit: 1 (2 semesters)

Prerequisite: Permission of Instructor, Joint membership in High School Band

Purpose: Students will learn and develop musical skills in jazz. Emphasis will be on jazz styles, rhythms, articulations, and improvisation, as well as introductory jazz history and theory. Students will develop advanced sight-reading skills, and learn to read basic chord symbols, changes, and lead sheets. Students will demonstrate these skills in school concerts and extra-curricular performances. The jazz band performs in at least two (2) concerts per year, usually in December and May, and participates in the TAC Jazz Festival in April.

Science Department

Course	Recommended Grade Level
Physics	10-12
Biology	9
Chemistry	10-12

Physics — Grades: 10-12 — Credit: 1 (2 semesters)

Prerequisite: Algebra II

Purpose: The first component of this course is a study of structure and properties of matter and extends its focus to how forces arise from the interactions between fields. The second component is a focus on forces but shifts to a study of collisions at the macroscopic scale. The third component focuses on forces and energy transfer when objects interact, and the component ends the course by focusing on harnessing energy transfer for communication purposes. Throughout the course, relevant Earth and Space Sciences and Engineering Design concepts are integrated.

Topics studied:

1. Energy
2. Forces & interactions
3. Structure and properties of matter
4. Waves and electromagnetic radiation

Biology — Grade: 9 — Credit: 1 (2 semesters)

Prerequisite: None

Purpose: The structure and function of plants and animals will be with appropriate laboratory experiments when possible.

Topics studied:

1. Molecular biology
2. DNA, RNA, and genetic code
3. Theories of evolution/natural selection
4. Reproduction
5. Chemicals of life
6. Development of organisms
7. Cell structure
8. Seven principal systems of organisms
9. Photosynthesis/respiration
10. Ecology

Chemistry — Grades: 11-12 — Credit: 1 (2 semesters)

Prerequisite: Algebra I

Purpose: The first component of this course is an overview of the study of structure and properties of matter and extends this focus to explaining the outcome of a simple chemical reaction based on the outermost electron states of atoms, trends in the periodic table, and knowledge of the patterns of chemical properties. The second component illustrates that the release or absorption of energy from a chemical reaction system depends upon the changes in total bond energy. The third component of this course focuses on application of scientific principles and evidence to

provide an explanation about the effects of changing the temperature or concentration of the reacting particles on the rate at which a reaction occurs. The fourth component of the course is a focus on the design of a chemical system by specifying a change in conditions that would produce increased amounts of products at equilibrium. The fifth component of this course has the student use mathematical representations to support the claim that atoms, and therefore mass, are conserved during a chemical reaction.

Topics studied:

1. Structure & properties of matter
2. Chemical reactions
3. Nuclear processes
4. Types of Interactions
5. Stability & instability
6. Energy in chemical processes & life

Social Studies Department

The Social Studies program offers a framework of fundamental ideas concerning history, civics, geography, world cultures, and government. These generalizations are continuously expanded by details to give more facts and information. The student is helped to develop the ability to formulate new concepts and to relate them to the ideas previously learned.

Course	Recommended Grade Level
U.S. History/Geography	9
World History/Geography	10
Government	11
Economics	11

U.S. History/Geography Grade: 9 Credit: 1 (2 semesters)

Prerequisite: None

Purpose: The objective in this course is to give students 1877-present view of the United States history. Only fundamental information will be covered for each topic so that students may survey and envision the total picture of our nation's history.

Topics studied:

1. Industrialism & reform
2. Expanding American global influence
3. The Roaring Twenties & the Great Depression
4. World War II & the Cold War
5. The search for a better life
6. Tumultuous times
7. The making of modern America

World History/Geography Grade: 10 Credit: 1 (2 semesters)

Prerequisite: US History/Geography

Purpose: This course will provide students with a process of viewing other cultures. Students will study the foundations of examining world history (the study of, themes of, world religions) as well as a chronological approach related to various topics. Every effort will be made to help the student view the cultural uniqueness of the people studied through time.

Topics studied:

1. Foundations of World History
2. The First Global Age
3. The Age of Revolutions
4. A World in Crisis
5. The Cold War
6. The Contemporary World

Government Grade: 11 Credit: .5 (1 semester)

Prerequisite: None

Purpose: Through the study of current events as well as the origins of the national government, students will be exposed to information that will allow them to be more responsible citizens.

Topics studied:

1. Power, authority, and government
2. Foundations of American government
3. Political participation & behavior
4. The legislative branch
5. The executive branch
6. The judicial branch
7. The United States & the world

Economics Grades: 11 Credit: .5 (1 semester)

Prerequisite: None

Purpose: Students will study the basic concepts of economics.

Topics studied:

1. The economic fundamentals
2. How Markets work
3. Economic institutions & organizations
4. Economics of the public sector
5. Measuring & managing the economy
6. Globalization & the global economy

Online Learning and Credit Recovery

The complete course catalog may be accessed here.

Agribusiness Systems	Introduction to Careers in Finance	Technology and Business
Animal Systems	Introduction to Careers in Government and Public Administration	Therapeutics: The Art of Restoring and Maintaining Wellness
Art History I A	Introduction to Careers in Transportation, Distribution, and Logistics	Transportation and Tours for the Traveler
Art History I B	Introduction to Consumer Services	Business English-A
Banking Services Careers	Introduction to Health Science A	Business English-B
Business Computer Information Systems	Introduction to Health Science B	Common Core ELA 10 A
Business Information Management A	Introduction to Human Services	Common Core ELA 10 B
Business Information Management B	Introduction to Information Technology A	Common Core ELA 11 A
Business Law	Introduction to Information Technology B	Common Core ELA 11 B
Career Management	Introduction to Information Technology Support and Services	Common Core ELA 12 A
Career Planning and Development A	Introduction to Law, Public Safety, Corrections, and Security	Common Core ELA 12 B
Career Planning and Development B	Introduction to Network Systems	Common Core ELA 9 A
Careers in Allied Health	Introduction to STEM	Common Core ELA 9 B
Careers in Logistics Planning and Management Services	Legal Services	Expository Reading and Writing A
Careers in Marketing Research	Lifetime Fitness A	Expository Reading and Writing B
Construction Careers	Lifetime Fitness B	Introduction to Communications and Speech A
Corrections: Policies and Procedures	Marketing and Sales for Tourism and Hospitality	Introduction to Communications and Speech B
Introduction to Careers in the Health Sciences	Medical Terminology A	Common Core Algebra I B
Strategies for Academic Success	Medical Terminology B	Common Core Algebra I A
Engineering and Design	Contemporary Health + CPR	Common Core Algebra II A

Engineering and Product Development	Network System Design	Common Core Algebra II B
Family and Community Services	New Applications: Web Development in the 21st Century	Common Core Geometry A
Fire and Emergency Services	Nursing Assistant A	Common Core Geometry B
Food Products and Processing Systems	Nursing Assistant B	Financial Math A
Food Safety and Sanitation	Nursing: Unlimited Possibilities and Unlimited Potential	Financial Math B
Forensics: Using Science to Solve a Mystery	Personal Care Services	Environmental Science A
Foundations of Personal Wellness A	Personal Finance	Environmental Science B
Foundations of Personal Wellness B	Pharmacy Technician A	Biology A
Fundamentals of Computer Systems	Pharmacy Technician B	Biology B
Fundamentals of Digital Media	Physicians, Pharmacists, Dentists, Veterinarians and Other Doctors	Chemistry A
Fundamentals of Programming and Software Development	Planning Meetings and Special Events	Chemistry B
Health Science Concepts A	Plant Systems	Earth and Space Science A
Health Science Concepts B	Power, Structural, and Technical Systems	Earth and Space Science B
Health, Safety, and Ethics in the Health Environment	Public Health: Discovering the Big Picture in Health Care	Physics A
Healthy Living A	Science and Mathematics in the Real World	Physics B
Healthy Living B	Scientific Discovery and Development	Human Geography A
Introduction to Agriculture, Food, and Natural Resources	Scientific Research	Human Geography B
Introduction to Art A	Security and Protective Services	Civics and Government
Introduction to Art B	Small Business Entrepreneurship A	Economics
Introduction to Business A	Small Business Entrepreneurship B	US History and Geography A
Introduction to Business B	Software Development Tools	US History and Geography B
Introduction to Careers in Architecture and Construction	STEM and Problem Solving	Modern World History A
Introduction to Careers in Arts, A/V Technology and Communications	Sustainable Service Management for Hospitality and Tourism	Modern World History B
Introduction to Careers in Education and Training	Teaching and Training Careers	

Education for the Arts

DANCE

Dance Studio

*Comstock / Loy Norrix / Kalamazoo Central / Parchment/**Climax-Scotts***

Learn the basic elements and discipline of formal dance techniques, exploring classical modern dance, ballet, jazz, hip hop, and cultural dance styles. Exploration of dance-related genres and subjects will include movement improvisation, composition, dance history, and strategies for developing stronger special awareness. Students gain performance skills, learn how to choreograph their own dances and are required to participate in EFA dance concert at 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, helping expand their knowledge of careers in the dance world.

Intermediate Dance Studio

Kalamazoo Central / Loy Norrix

Intermediate Dance is for students who have completed a semester long EFA Dance Studio 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 additional forms from around the world. Exploration of dance-related genres and subjects will include movement improvisation, movement composition, dance history, and strategies for developing special awareness.

World Dance Origins and Movement

Loy Norrix

Dance is considered a universal language as it is used around the world as a way to express emotions, share stories, and connect people. World Dance provides students with an opportunity to view popularized dance forms from around the globe beyond the movement. Students will experience a wide variety of dance forms and their influences on contemporary dances of today. This course combines elements of a traditional dance class with a deep analysis of the cultural and historical contexts of dance through videos, reading, and lectures.

LITERARY ARTS

Creative Writing Online

Web based

Gain mastery as a creative writer while cultivating valuable time-management skills and learning how to provide and respond to critique. Through literary analysis and weekly writing assignments, students will learn the craft of problem-solving as a writer, considering options and perspectives before putting pen to paper. Students will gain experience with a wide range of genres, including written and spoken-word poetry, personal narrative, creative nonfiction, short stories, and flash fiction. In addition to creative forms, students will develop professional writing skills and create a resume as part of an online portfolio.

Comics, Manga and Graphic Novel Arts

Crawlspace Theater (Semester)

Learn to write and produce compelling, artistic and 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 through manipulation and editing of found media and open-source graphics.

MEDIA ARTS

Advanced Video Arts Studio

Kalamazoo Institute of Arts and Vicksburg High School

AVAS is a project-based video class for 9-12 grade students who have already taken at least one semester of a video or TV production class. The class will concentrate on individual student films that will be used for portfolio work and entered into video competitions. Students will learn about lighting, sound, directing and advanced filming and editing techniques.

Animation Design

Kalamazoo Valley Community College-Center for New Media-EFA/KVCC Dual Enrolled Program

After students take Digital Design & Media Production, unlock creativity and bring ideas to life in this dynamic, year-long animation course designed for high school students ready to take their skills to the next level. This dual-enrolled course will have students explore the fundamentals of 2D animation, character design, storyboarding, motion graphics, and visual effects using industry-standard software. Emphasis will be placed on both the technical and artistic aspects of animation, with projects that mirror real-world studio workflows. Throughout the year, students will learn the history of animation, collaborate on team-based productions, and learn about career pathways in animation, film, and game design.

Creative Game Design

Public Media Network

This project-focused course will teach students the fundamentals of game design. Through practice and study students learn to craft powerful stories 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 the nature of play.

Digital Design & Media Production

Kalamazoo Valley Community College – Center for New Media - EFA/KVCC Dual Enrolled Program

Step into the world of professional design and media with this year-long digital design course that bridges high school creativity with college-level skill development. This dual-enrolled course introduces students to the principles of graphic design, branding, and digital communication using industry-standard tools. Students will learn how to create compelling visual content across various formats, including logos, posters, digital ads, social media graphics, product packaging, and web-ready designs. Emphasis is placed on the design process—from research and concept development to execution and presentation—preparing students for both college- level coursework and real-world creative careers.

Film and Video Production

Kalamazoo Central and Vicksburg High Schools

Want to learn how to make amazing videos? From short films to viral content, this class teaches students how to plan, film, and edit like a creative pro. Using HD cameras and Adobe Premiere Pro, students will explore storytelling, action, editing, and much more through fun, hands-on projects. Whether students are new to filmmaking or just love creating, this class helps learners build creativity, confidence, and real-world skills that translate to a variety of media and communications roles.

Intro to 3D Computer Animation

Epic Center Public Media Network

This year-long 3D Animation course introduces high school students to the foundational skills and techniques used in the animation and digital media industry. Students will explore the creative and technical processes of 3D animation, from concept development to final production, using industry-standard software. This hands-on course will also have opportunities to create digital works that can contribute to a student's creative portfolio.

VISUAL ARTS

Visual Arts Exploration

Kalamazoo Institute of Arts

Further develop art-making skills by creating sculpture, photography, jewelry, painting, and more at the Kalamazoo Institute of Arts. Students will work alongside practicing professional artists as they share their art mastery and expertise. This class is ideal for juniors and seniors who have taken drawing and some foundational high school art classes and are interested in expanding their art comprehension and artistic skills.

Advanced Visual Arts Studio

Kalamazoo Institute of Arts and Vicksburg High School

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 a variety of disciplines including sculpture, oil painting, jewelry, photography, welding, printmaking, ceramics, and other related arts. Develop a Visual Arts Portfolio and learn presentation skills to apply for college scholarships, student art shows, and public art opportunities. This advanced class is designed for juniors and seniors who possess strong artistic skills and wish to explore their style in greater depth, while considering how creativity will be applied in their future endeavors.

THEATRE and PERFROMING ARTS

Advanced Musical Theatre

Kalamazoo Civic

For students interested in a career in the performing arts, this course provides an in-depth look at musical theatre through acting techniques, private voice lessons, and weekly dance classes. Students will experience the study of musical theatre history and enhance their appreciation of the genre while improving their practical performance skills in acting, voice, and dance. This course includes mentoring by professional theatre, vocal, and dance educators and guest artists. Students will also learn audition techniques, build a resume and portfolio, and have opportunities to create and perform in two end-of-the-semester showcases.

Improv and Scriptwriting

Crawlspace Theater

More than just theatre without a script, improvisational theater equips learners of all stripes with tools and skills to become better communicators and develop a positive mindset. Interested students be warned: while learning this valuable skillset and art form, expect to laugh. A lot. Alongside the study of improv and its underlying principles and techniques, students will strengthen their voices and perspectives by learning how to create stories for the stage and craft their own scripts. Students will be challenged to grow in their practice as improvisers, performers, and collaborators during this engaging, hands-on class. No previous performance or theatre experience is expected.

Career and Technical Education Courses

**Accounting* 

This course provides students with basic recordkeeping skills in small businesses. Using both manual and computerized methods, students start accounting systems, record business transactions for sole proprietorships and partnerships, and practice petty cash and payroll procedures.

Automotive Technology 

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 drive train 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 

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.

**Business Administration Management & Operations (BMA)* 

This course provides students with a solid foundation of business skills, knowledge and understanding that are necessary for success in a global society. Topics include human resources, operations and quality management, communications, business management and leadership, project management, business ethics, international business, employability skills, career exploration and more. Students will utilize information technology and software applications to complete business projects and share ideas. Students will learn to solve business problems that occur in the working environment. This exciting business class prepares students for employment and for the pursuit of a business degree after high school.

Computer Programming 

Explore real-world scenarios to gain knowledge of professional software creation, design, and deployment. 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 Networking 

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.

Conservation Biology 

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.

Construction Trades 

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.

Criminal Justice & Public Safety 

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.

Culinary Arts 

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.

Cybersecurity 

Prepare for a future in cybersecurity through hands-on, real-world scenarios. Students will learn to protect operating systems (Windows, Linux, macOS), networks, and data from cyber threats. The course covers essential topics including cryptography, coding, documentation analysis, network integrity and both hardware and software for strengthening cybersecurity. Students will explore cybersecurity careers, examine today's top cyber threats, and work toward industry-recognized certifications such as Tech+ and Security+. This course builds a strong foundation for further study and careers in the cybersecurity field.

Dental Assisting 

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.

Design 

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 more. Collaborate in design teams,

present and discuss work, and build a professional portfolio to prepare for success in a variety of design careers.

Educator Academy 

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.

Electrical Technology 

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.

Emergency Medical Technician 

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.

Engineering in Wood Technology 

Engineering in Wood Technology is a course that covers the rudimentary techniques of woodworking and cabinetmaking in relation to industry. This class provides true differentiated training for the real-world of manufacturing and industry, with student directed studies ranging from areas of programming and operation of CNCs, laser engraving and even 3D printing technologies to rustic woodworking using traditional tools such as Japanese pull saws or hand lathes. This course offers higher-level training in management and student leadership via a complex student-run student-led class structure. Students, after leaving this class present skills applicable in all walks of life and will be career or college ready.

Exercise Science & Rehabilitation 

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, occupational therapy, athletic training, and related sports medicine careers, learn personal and workplace safety, healthcare communication and terminology, anatomy/physiology, injury care assessment/skills, and rehabilitation.

Heating, Ventilation & Air Conditioning 

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.

Heavy Equipment Maintenance 

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.

Horticulture 

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.

Machine Tool and Engineering 

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

**Marketing/Entrepreneurship* 

Marketing is the process of planning, pricing, promoting, selling and distributing ideas, goods or services to create exchanges that satisfy a customer. Course work teaches the principles of advertising, display, sales, merchandising, economics and marketing in a global economy. Students train in techniques that businesses and organizations use to persuade consumers to buy products or use services. Students will learn about types of social media and the social media strategies businesses utilize to meet their marketing goals. This exciting course teaches many transferable skills that students can use immediately in the workplace or to pursue a business degree at a post-secondary institution.

Mechatronics: Robotics & Automation 

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.

Media Production 

This course is ideal for students who want to learn how to create media content using visual, audio, graphic and storytelling production techniques for internet, podcasting, television, film, and radio. Students will gain work experience in such skills as video editing, audio production, video composition, graphic composition, effective communication and more. This class provides students with the opportunity to enter local and national competitions as well as airing student work on Public Media Network stations.

Medical Laboratory Science 

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 

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 

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.

Plumbing 

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.

Supply Chain 

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.

Veterinary Science 

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.

Welding 

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.

Credit Fulfillment Key

Career and Technical Education courses may fulfill different graduation requirements. Beside the name of each course there are icons that indicate how the course may fulfill high school graduation requirements. The following is a key to the icons above:

-  =2nd world language credit
-  =3rd science credit
-  =Visual, performance, and applied art credit
- *=Held at CSHS

WORK-BASED LEARNING

CTE Work-Based Learning

An experience for 11th and 12th grade students who have successfully completed a trimester or semester of a CTE course. Students can earn credit and receive a grade while they learn through a paid, related work experience.

Participating students shall:
• Be employed in a coordinator-approved work setting,
• Work at least 10-15 hours per week in class-related, legal employment,
• Receive release time from school, school credit, on-the-job training, and pay, and
• Be evaluated every grading period by his/her employer.
Prerequisite: CTE-related class. Successful completion of one trimester or semester of a CTE course and continued concurrent enrollment in CTE.

NOTE: Students are not to be officially enrolled in CTE Work-Based Learning until the Work-Based Learning Coordinator has approved their application and job site. Additionally, employment is subject to forces outside of the control of the school district, therefore, employment cannot be guaranteed. For these reasons, it is recommended that students maintain a full schedule of classes until all conditions are met.

Early College Options

Dual Enrollment

Climax-Scotts Community Schools is excited to offer dual enrollment options for junior and senior students in coordination with Kellogg Community College and Kalamazoo Valley Community College. Dual enrollment is meant for students who are ready for college level rigor and wish to pursue coursework not offered at our high school.

New dual enrolled students are often surprised by the rigor of their college courses. Please remember that this is NOT high school, this is college and high school students are treated the same as traditional college students. This includes privacy of information regarding students' grades. Dual enrolled students have the right to privacy with their educational information. The college will not release grade information or academic progress to parents, they will only release it to students. This is often an adjustment for high school families.

The Dual Enrollment Handbook available from the counselor's office or on the school website and offers all of the needed information to begin the process. Students should contact the counselor if they are interested in this opportunity. Students must meet benchmarks to be eligible for dual enrollment. Students are only allowed 10 dual enrollment courses, that will be paid for by the district, during their high school years.

Dual enrollment should be finalized before students leave for the summer. The application and registration process takes approximately a month to complete.

Early Middle College

Kalamazoo County Early/Middle College (EMC) is an innovative early college program, which gives students the opportunity to earn an associate degree or certificate with an additional year of high school.

Throughout their educational plan, EMC students are gradually introduced to college courses over a five-year span with the ninth-grade year being comprised solely of traditional high school classes.

Students interested in EMC should be highly motivated and ready for the challenge of completing college-level courses while in high school.

Applications become available shortly after the first of the year.

More information is available at: www.kresa.org/emc

Michigan Merit Curriculum Graduation Requirements

Mathematics	
4 Credits	Algebra I (Algebra A & Algebra B) Geometry Algebra II 4th Math Credit (final year)
English Language Arts	
4 Credits	English 9 English 10 English 11 English 12
Science	
3 Credits	Biology Chemistry or Physics Additional Science Credit
Social Studies	
3 Credits	U.S. History World History Government (.5 credit) Economics (.5 credit)
Physical Education & Health-1 Credit	
Visual, Performing, or Applied Arts-1 Credit	
World Language-2 Credits	
Online Learning Experience	

Mathematics — 4 Credits • Proficiency in State Content Standards for Mathematics (3 credits); and • Proficiency in district-approved 4th Mathematics credit options (1 credit) (Students MUST have a math experience in their final year of high school.)

English Language Arts (ELA) — 4 Credits • Proficiency in State Content Standards for ELA (4 credits)

Science — 3 Credits • Proficiency in State Content Standards for Science (3 credits); or • Proficiency in some State Content Standards for Science (2 credits) and completion of a department-approved formal Career and Technical Education (CTE) program (1 credit).

Social Studies — 3 Credits • Proficiency in State Content Standards for Social Studies (3 credits).

Physical Education & Health — 1 Credit • Proficiency in State Content Standards for Physical Education and Health (1 credit); or • Proficiency with State Content Standards for Health (1/2 credit) and district-approved extra-curricular activities involving physical activities (1/2 credit).

Visual, Performing, and Applied Arts — 1 Credit • Proficiency in State Content Standards for Visual, Performing, and Applied Arts (1 credit).

World Language — 2 Credits • Formal coursework or an equivalent learning experience in Grades K-12 (2 credits); or • Formal coursework or an equivalent learning experience in Grades K-12 (1 credit) and completion of a department-approved formal CTE program; or an additional visual, performing, and applied arts credit (1 credit).

Online Learning Experience • Course, Learning, or Integrated Learning Experience.

Personal Finance — ½ Credit (Effective with students entering 8th grade in 2023) • Proficiency in State Content Standards for Personal Finance

Course Plan

This plan is offered as a recommended course sequence. Each student will have an individualized Educational Development Plan that will be created and amended as the student progresses through high school.

Students must take a full 7 courses per semester. Students must be full-time students regardless of how many credits they have earned.

Students must earn a total of at least 24 credits to be eligible to graduate with a high school diploma.

9th Grade English 9 Biology U.S. History Pre-Employment/Personal Finance Health/PE Algebra I or Algebra A Elective	**11th Grade** English 11 Government/Economics Algebra II/Geometry 3rd Science Electives x 3
10th Grade English 10 Chemistry World History BMA Algebra B/Geometry/Algebra II Spanish Elective	**12th Grade** English 12 Algebra II or 4th Year Math Electives x 5