

NOTICE REGARDING NON-DISCRIMINATION POLICY

It is the policy of the Eaton Rapids Public Schools not to discriminate on the basis of race, color, religion, national origin, sex, age, marital status, height, weight, or disability in its employment practice as well as in its educational programs, activities, and services. The Board reaffirms its policy to comply with Title VI, The Age Act of 1975. The Americans with Disabilities Act Title VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, The Elliott-Larsen Civil Rights Act, and all other applicable federal and state laws and regulations prohibiting discrimination.

Any Questions concerning Title IX of the Education Amendments of 1972, which prohibits discrimination on the basis of sex, should be directed to:

Title IX Coordinator

Superintendent
Eaton Rapids Public Schools
912 S. Greyhound Drive
Eaton Rapids, Michigan 48827
517.663.8155

Inquiries regarding compliance with Section 504 of the Rehabilitation Act
The Americans with Disabilities Act should be directed to:

Section 504 Coordinator

Director of Special Education
Section 504 Coordinator
Eaton Rapids Public Schools
912 S. Greyhound Drive
Eaton Rapids, Michigan 48827
517.663.8155

2012 – 2013

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Career Pathways Program of Studies

Eaton Rapids High School

800 State Street
Eaton Rapids, MI 48827
517.663.2231
FAX: 517.663.5727

Eaton Rapids Public Schools Central Administration

Dr. William DeFrance..... Superintendent
Mr. Collin Smith..... Controller

Eaton Rapids Public Schools Board of Education

Mr. Jeff Allison
Mr. Jon Althouse
Mrs. Debbie Brinson
Mrs. Theresa Platte
Mr. Brian Ross
Mr. Tom Reich
Mrs. Carolyn Wyckoff

Eaton Rapids High School Administration

Mr. David JohnsonPrincipal
Mr. Marv Maurer ...Assistant Principal
Mr. Jeff DassanceAthletic Director

Eaton Rapids Public Schools

School District Mission

Our mission is to help all students become *lifelong learners*.

We will address this mission by:

- Employing a *competent* and *caring* staff
 - Providing a *future-focused* curriculum
 - *Challenging* learners to do their best
- Teaching learners to *solve problems* and understand the change process

High School Program of Studies

The world of work is rapidly changing as existing jobs become more complex and new jobs demand increased levels of education. Students must acquire increased academic competencies, advanced technical skills, and greater problem solving abilities in order to become productive citizens in a highly competitive global economy. It is the goal of the Eaton Rapids schools to create a climate where expectations are high, tolerance exists for individual differences, global awareness is promoted, lifelong learning is valued, self-esteem is enhanced, and all Eaton Rapids community members have an opportunity to experience success.

The high school program of the Eaton Rapids Public Schools offers a challenging course of study, designed for students to recognize and achieve their academic and career potential. Through a coordinated sequence of academic and vocational courses, all students will be better prepared to see their post high school experience as an opportunity for continuing their education. As lifelong learners, Eaton Rapids High School graduates may continue their education at four-year colleges, community colleges, technical institutions, the military, or in apprenticeship/training programs as they strive to reach their own individual academic and career goals.

NCAA Requirements

If you are planning to enroll in college as a freshman and you wish to participate in Division I or Division II athletics, you must be certified by the NCAA Initial-Eligibility Clearinghouse via www.eligibilitycenter.com. It is your responsibility to register and supply the NCAA Eligibility Center Clearinghouse with the following documents:

1. Your completed and signed Student Release Form and fee
2. Your official transcript mailed directly from every high school you have attended
3. Your ACT or Sat scores

This process should begin at the end of your junior year in high school.

CORE UNITS REQUIRED FOR NCAA CERTIFICATION

	Division I	Division II
English Core	4 years	3 years
Math Core – Algebra 1 or higher	3 years	2 years
Science Core (including at least one year of lab science, if offered)	3 years	2 years
Social Studies Core	3 years	2 years
From English, Math or Science	1 year	2 years
Additional Core (English, Math, Science, Social Studies, Foreign Language, Computer Philosophy, Nondoctrinal Religion)	3 years	3 years
TOTAL CORE UNITS REQUIRED	16	14

Earn a sum of scores of at least 68 on the ACT or a combined score of at least 820 on the re-centered SAT on national test date. For Division I: the minimum grade-point average in the 13 core courses and required ACT and SAT score vary according to the Initial-Eligibility Index below.

Core GPA	3.550	3.525	3.500	3.475	3.450	3.425	3.400	3.375	3.350	3.325	3.300	3.275	3.250	3.225	3.200	3.175	3.150	3.125	3.100	3.075	3.050	3.025	3.000	2.975	2.950
SAT V&M	400	410	420	430	440	450	460	470	480	490	500	510	520	530	540	550	560	570	580	590	600	610	620	630	640
ACT	37	38	39	40	41	41	42	42	43	44	44	45	46	46	47	47	48	49	49	50	50	51	52	52	53

Core GPA	2.9250	2.900	2.875	2.850	2.825	2.800	2.775	2.750	2.725	2.700	2.675	2.650	2.625	2.600	2.575	2.550	2.525	2.500	2.475	2.450	2.425	2.400	2.375	2.350	2.325
SAT V&M	650	660	670	680	690	700	710	720	730	730	740-750	760	770	780	790	800	810	820	830	840-850	860	860	870	880	890
ACT	53	54	55	56	56	57	58	59	59	60	61	62	63	64	65	66	67	68	69	70	70	71	72	73	74

Core GPA	2.300	2.275	2.250	2.225	2.200	2.175	2.150	2.125	2.100	2.075	2.050	2.025	2.000
SAT V&M	900	910	920	930	940	950	960	960	970	980	990	1000	1010
ACT	75	76	77	78	79	80	80	81	82	83	84	85	86

Eaton Rapids High School Graduation Requirements

Class of 2013

Eaton Rapids operates under the trimester scheduling model. Our students will be offered the opportunity to construct daily schedules of 5 classes during three terms or trimesters. Each class successfully completed will continue to be worth one half credit and students will therefore be capable of taking 15 classes and earning 7.5 credits each year resulting in 60 courses for thirty credits over a four year period.

A student's graduation year and grade level will be established the year in which they first enroll in high school. The student will remain a part of that class until graduation. Students will be required to be in attendance 12 trimesters or 4 school years to be eligible to receive a diploma.

***Class of 2013 and beyond** (4 years of trimester – 30 credits) 30 credits possible w/28.5 required

At the end of 9th grade – 6 credits

At the end of 10th grade – 13.5 credits

At the end of 11th grade – 20.5 credits

At the end of 12th grade – 28.5 credits

Specific Course Requirements:

English – 4 credits for all students (English 9, 10, 11 and 12)

Science – 3 credits (Biology, Chemistry and Physics)

Math – 4 credits-Algebra I, Geometry, Algebra II, Math Elective

Social Studies – 3 credits-Civics, Economics, US History, World History

Physical Education – .5 credits (All 9th grade students are required to take Physical Education A/B. (Medical exceptions will be allowed based on a written excuse from your physician)

Health - .5 credits (All 9th grade students are required to take Health)

Computer Literacy - .5 credits for all students (This requirement may be met by successfully completing one of the following courses: Computerized Accounting 2, Journalism 1, Computer Applications, BMA I/II/III, Computer Art, Digital Photography & Yearbook production. The following Lansing Community College classes will also be accepted: Graphics & Web Design, & Pre-engineering CADD/CAM)

Fine Arts – 1 credit for all students (classes in instrumental or vocal music, drama, business, life management, visual arts and technical Education meets this requirement).

Elective Credits – 12 credits

***Students will be required to be in attendance 12 trimester or 4 school years to be eligible to receive a diploma.**

Trimester Four Year Planning Guide

9 th Grade			10 th Grade		
Term 1 Courses	Term 2 Courses	Term 3 Courses	Term 1 Courses	Term 2 Courses	Term 3 Courses
11 th Grade			12 th Grade		
Term 1 Courses	Term 2 Courses	Term 3 Courses	Term 1 Courses	Term 2 Courses	Term 3 Courses

Business

Computer Applications

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Computer or Fine Art

A basic computer class that begins with a keyboard review and progresses to Microsoft programs, along with the use of the internet for research such as Excel, Spreadsheet and Power Point.

Business Administration

Recommended grade level: 10-11-12

Prerequisite: Computer App or Web Design: Digital Imaging

Length of Course: 2 or 3 Terms/Must take at least 2 terms.

Recommended for 3 terms

Credit: .5 per term - Computer or Fine Arts

Students will apply skills that they learned in Digital Imaging, Photography and Desktop Publishing to create a business model. New topics will include: Viral Marketing, Business Management, Employability an Career Development Entrepreneurship.

Introduction to Business A

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Elective

This course is designed to introduce students to the fundamentals of business activities in our society. Topics include: the Development of Products and Services, types of business, and World Trade.

Introduction to Business B

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Elective

This class is a continuation of the Intro A class with an emphasis on new topics including Advertising, Banking, Marketing, Stocks, Real Estate, Auto Insurance, and Career Exploration.

Business

Accounting 1

Recommended grade level: 10-11-12

Prerequisite: None

Length of Course: Two Terms

Credit: .5 per term - Elective

May satisfy 4th year math requirement.

Students will learn how to record the flow of money into and out of a company. You will also learn methods for keeping track of supplies, merchandise, and employee payroll. Computer business simulations are utilized to enhance the learning experience.

Computerized Accounting 2

Recommended grade level: 11-12

Prerequisite: Accounting 1

Length of Class: Two Terms

Credit: .5 per term - Computer

May satisfy 4th year math requirement

This 2nd year course deals with more advanced methods of accounting. Students are presented with complex situations encountered in business and will learn how to use new and sophisticated accounting procedures along with computerized accounting systems to solve real life business problems.

Personal Finance

Recommended grade level: 11 & 12 Only

Prerequisite: Completion of Algebra 2 requirements

Length of course: One Term

Credit: .5 per term - Elective

May satisfy 4th yr. math requirement

This course is designed to educate students about sound money management skills and the financial planning process. Units of study will include; financial planning, budgeting, investing, good and bad debt, keeping your money safe, insurance protection, and career planning.

Retail Marketing: Sports & Entertainment (A,B,C)

Recommended grade level: 11-12

Prerequisite: None

Length of Course: Three Terms

Credit .5 per term - Elective

This class offers students an opportunity to learn to run and operate a business. Students will learn the latest in marketing techniques as applied to sports and entertainment events, products, securities, and licensing. Students will develop, promote, and market actual profit-making sporting and entertainment events

Business

Business Law 1

Recommended grade level: 10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5/Elective

This class is designed to inform all students about the law and legal procedures through class discussion, case studies, presentations, law videos, projects, internet research and mock trials. Topics covered include constitutional law, criminal law, crime and punishment, law enforcement, civil lawsuits, torts, and laws to protect minors.

Business Law 2

Recommended grade level: 11-12

Prerequisite: Business Law 1

Length of Course: One Term

Credit: .5 per term - Elective

This class is a continuation of the Business Law 1 class with an emphasis on new topics of law including family law-marriage, divorce, adoption, contract law, employment law-discrimination at work, injuries on the job, wages and promotion.

Information Technology

Digital Imaging for Print/Web A

Recommended grade level: 9-10-11-12

Prerequisite: Strong background in Windows File Management or Computer Application

Length of Course: One Term

Credit: .5 per term - Fine Arts or Computer

This course is an introduction to the manipulation of photographic images for print and web. Topics include photo correction, file formats, layers, and filters. Students will design bottle labels, scrapbook covers, posters and CD covers in a project based environment. Software used is Adobe Photoshop. This class is a college level class that is articulated with LCC and is available for college credit for juniors and seniors.

Web Publishing

Recommended grade level: 9-10-11-12

Prerequisite: Digital Imaging A

Length of Course: One Term

Credit: .5 per term - Fine Arts or Computer

A study of preparation and production of material for presentation on the web. Students will create practice websites and make their own web page.

Web Design: Motion and Animation

Recommended grade level: 10-11-12

Prerequisite: Web Design or Digital Photography

Length of Course: 2 or 3 terms/must take at least 2 terms

Credit: .5 per term - Fine Arts or Computer

A course in manipulation and preparation of moving objects and animation for the web. Software used is **Adobe Macromedia Flash**.

Intro to Photography

Recommended grade level: 10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Fine Arts or Computer

You will learn how to use a digital camera, upload images to a computer, and manipulate images in Photoshop and more. Students will also be studying the history of photography and other professional work as well as writing about and critiquing photographic images.

Information Technology

Digital Imaging for Print/Web B

Recommended grade level: 10-11-12

Prerequisite: Digital Imaging A

Length of Course: One Term

Credit: .5 per term - Fine Arts or Computer

An advanced introduction to the manipulation of photographic images and type for print and web. Topics include raw adjustments typography, face and eyes, and intro to 3D. Students will work in a project based environment. Software used is Adobe Photoshop. This is a vocational class that is designed for future photographers, artists and any who wish to expand their vision of the visual digital world.

Desktop Publishing

Recommended grade level: 10-11-12

Prerequisite: Digital Imaging or approval

Length of Course: One Term

Credit: .5 per term - Fine Arts or Computer

Desktop Publishing is an introduction to manipulation of photographic images for print and web. Topics include photo correction, file formats, layers, and filters.

Yearbook

Recommended grade level: 10-11-12

Prerequisite: Journalism, Photo or approval. Students are strongly encouraged to take Web Design: Computer Graphics for Electronic Journalism.

Length of Course: One Term

Credit: .5 per term - Computer

Students are encouraged to sign up for 3 terms. Students are also invited to participate in the publication of the Eatonian.

Journalism

Recommended grade level: 10-12

Prerequisite: English 9A & B

Length of Course: One Term

Credit: .5 per term - Computer

This course is designed for students interested in exploring the various aspects of journalism. Students will examine the elements involved in producing a newspaper publication, will gain skills necessary for understanding and gathering news information and, with the basic writing skills learned, will gain practical experience writing news stories. Students will gain an understanding of basic technology used in newspaper production as well as learn about modern journalistic trends.

Information Technology

Digital Media & Production A, B, C

The Bark Studio 143, MHSAA TV

Recommended grade level: 10-11-12

Prerequisite: Intro Photo, Computer Art, Digital Imaging A or Journalism

Length of Course: One Term

Credit: .5 per term – Elective or Computer

This course is designed for students interested in expanding their skills in the various forms of Digital Media. Students can choose from 3 departments: The Bark (school newspaper), Studio 143 (production studio) or MHSAA TV. (internet television). Students complete weekly labs based on 21 things for students and Web 2.0 skills.

Advanced Digital Media & Production A, B, C

The Bark Studio 143, MHSAA TV

Recommended grade level: 10-11-12

Prerequisite: Intro Photo, Computer Art, Digital Imaging A or Journalism

Length of Course: One Term

Credit: .5 per term - Elective or Computer

This course is designed for students interested in continuing to expand their skills in the various forms of Digital Media. Students can choose from 3 departments: The Bark (school newspaper), Studio 143 (production studio) or MHSAA TV. (internet television). Students complete weekly labs based on 21 things for students and Web 2.0 skills.

English

English 9A (NCAA Core)

Recommended grade level: 9

Length of Course: One Term

Credit: .5 per term

English 9A is a required course for freshmen. Students will respond to literature (non-fiction and short stories, and epic poetry through formal and informal essays as well as creative responses. The class will also focus on the elements of language (grammar/usage).

English 9B (NCAA Core)

Recommended grade level: 9

Length of Course: One Term

Credit: .5 per term

English 9B is a required course for freshmen. Students will develop a greater appreciation of literature through a thematic approach to drama, poetry, and the novel. The focus of the class will be on literary analysis and reflective composition.

Advanced English 9A & 9B (NCAA Core)

Recommended grade level: 9

Prerequisite: Teacher recommendation

A/B average in 8th grade English)

Length of Course: Two Terms

Credit: 1

Advanced English 9 is an extension/enrichment of the English 9 curriculum with an emphasis on literature and analytical writing. It is intended for students desiring a strong college prep curriculum.

English 10A (NCAA Core)

Recommended grade level: 10

Prerequisite: Successful completion of both English 9A and 9B

Length of Course: One Term

Credit: .5 per term

English 10 A is a required course for sophomore students. Its purpose is to provide a logical progression of the skills acquired in English 9A and English 9B. Students will read classic pieces of American literature and will create analytical, persuasive, and creative responses. Students will review, reinforce, and apply their understanding and command of the elements of language (grammar/usage).

English 10B (NCAA Core)

Recommended grade level: 10

Prerequisite: Successful completion of both English 9A and 9B

Length of Course: One Term

Credit: .5 per term

English 10 B is a required course for sophomore students. Its purpose is to provide a logical progression of the skills acquired in English 9A and English 9B. Students will develop a greater appreciation of classic American literature through the study of non-fiction, poetry, drama, and the novel. Students will create analytical and creative responses to literature. Students will review, reinforce, and apply their understanding and command of the elements of language (grammar/usage).

English 11A ACT Prep (NCAA Core)

Recommended grade level: 11

English

Prerequisite: Successful completion of English 10A/B,
American Lit or concurrently
Length of Course: One Term
Credit: .5 per term

This one term course is designed to improve language and technical writing skills that are tested by the ACT & SAT tests. An intense study of grammar and mechanics, it will emphasize the grammar, reading, vocabulary and persuasive writing skills that constitute the language arts, reading, & writing standardized tests. This a strongly recommended course for all juniors as they prepare for the ACT. It may be taken concurrently with American Literature or British Literature.

English 11B Literature & Composition (NCAA Core)

Recommended grade level: 11
Prerequisite: Successful completion of English 10A/B
Length of Course: One Term
Credit: .5 per term

English 11B Literature and composition provides a logical, structured progression for the skills and knowledge acquired in English 10A & 10B. Instruction and practice will be provided towards increasing proficiency in drawing inferences from British literature and interpreting facts and extending the meanings of literary selections presented in class.

General English 12A (NCAA Core)

Recommended grade level: 12
Prerequisite: Successful completion of English 11A/B
Length of Course: One Term
Credit: .5 per term

English 12 A is a senior level course with a literature unit and a research unit. Students will connect the literature piece to history, current events, and their own life. Students will also research a social problem of their choosing, present a solution, and be actively involved in putting that solution into action. Course evaluations will include a research paper, projects, presentations, and reflective writing.

General English 12B/Senior Pathways (NCAA Core)

Recommended grade level: 12
Prerequisite: Successful completion of English 11A/B
Length of Course: One Term
Credit: .5 per term

English 12B/Senior Pathways is a senior level course where students will develop research, presentation, reading and writing skills through investigating areas of individual interest. Students are encouraged to become lifelong learners who are curious about the world and their places in it. Course evaluations include a portfolio, multimedia presentations, and reflective writing.

English

American Literature & Composition A & B (NCAA Core)

Recommended grade level: 10

Prerequisite: Successful completion of Adv English 9A & 9B English 10A & 10B(A/B average strongly recommended); Adv Grammar, teacher recommendation

Length of Course: One Term

Credit: .5 per term

American Lit A and B

This course covers the expanse of American literature. It will present a survey of American literature organized in a chronological framework; the first trimester covers early America through 1840, and the second trimester covers 1840 through the present. The class will include a variety of writing assignments, including analytical, persuasive, and creative writing. Students will review, reinforce, and apply their understanding and command of the elements of language (grammar/usage). This class is strongly recommended for any student planning to take AP English as a senior or any student planning to attend a four-year college/university.

Honors British Literature A(449-1625) & B (1625-1837) (NCAA Core)

Recommended grade level: 11-12

Prerequisite: American Literature

Length of Course: One Term

Credit: .5 per term

This course combines writing and literature. The course will present a survey of British literature organized in a chronological framework covering 449-1625 in Term A and 1625-1837 in Term B. This is a class strongly recommended for any student planning to attend a four year college/university.

AP English Literature (NCAA Core)

Recommended grade level: 12

Recommended classes: American Literature & British Literature

Length of Course: One Year

Credit: 1.5 or .5per term

This year long course, which includes an honor point when computing each final term grade, better prepares students for the Advanced Placement English tests offered in the spring of their senior year. Although the emphasis will be upon responding to literature, this should help students prepare for both the English Literature and Composition test and the English Language and Composition test.

English

Advanced Composition – College Writing Workshop

(English Elective)

Recommended grade level: 12

Prerequisite: Successful completion of English 11L/C, Amer Literature

Length of Course: One Term

Credit: .5 per term

This writing workshop course will focus on various forms of essay and technical writing necessary for successful college writing. It is designed to explore the essay in its personal, descriptive, analytical, and argumentative/persuasive forms as well as research writing with an introduction to MLA-style citation.

form and literacy devices, and the ability to adapt to varied writing situations will be emphasized. Literature, vocabulary, grammar, and spelling will be incorporated throughout the trimester.

Courses currently not offered:

Classic Novels

Independent Reading

World Literature

Public Speaking

Creative Writing (English Elective)

Recommended grade level: 11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term

Creative writing is designed for those students who wish to explore the realms of literature and writing more deeply. Students will have the opportunity to read and analyze numerous pieces by published authors, students and faculty members. This course will provide a forum for students to develop their own literacy's by preparing a professional portfolio, while discovering writing techniques employed by various authors. Developing voice, language control, control of

Fine Arts

Students may select no more than 3 terms of Art

Basic Art A, B, C

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Fine Arts

Intro to the visual arts – you don't have to be a Picasso to join us! Units include design, drawing, painting, art appreciation, and pottery. *New!* There will also be additional material in computer-aided two-dimensional and three-dimensional design.

Computer Art

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Computer or Fine Arts

A fun but serious course that meets computer requirement-no art background required. Learn how to draw/digitally manipulate images on the computer through a variety of programs

2D Art

Recommended grade level: 10-11-12

Prerequisite: Basic Art A, B, or C or approval

Length of Course: One Term

Credit: .5 per term - Fine Arts

Designed to further student's art experience in the more specific areas of drawing & painting. Units include advanced drawing, pen and ink, watercolor, pastel, and acrylic painting.

3D Art

Recommended grade level: 10-11-12

Prerequisite: None/Basic Art A is suggested

Length of Course: One Term

Credit: .5 per term - Fine Arts

This course is an investigation of three-dimensional art techniques through pottery, sculpture, and low relief methods spread over an entire term. Units in this term include review of basic techniques (new students)/tool techniques/glaze technique,* cultural unit (African Art/Egyptian Art/the Americas), wheel/abstraction, casting (low relief), jewelry bling (ceramic), and (if time) an independent project. *first unit varies depending on what experience student has.

Fine Arts

Students may select no more than 3 terms of Art

3D Art II

Recommended grade level: 10-11-12

Prerequisite: 3D Art

Length of Course: One Term

Credit: .5 per term - Fine Arts

Student's may take 3D a second time (during the same hour as 3D) with a more independent structure by unit. (must have teacher permission before signing up).

Not offered

Basic Art C/Alternate years

Computer Art B/Alternate years

Band

Jazz Band-Improvisation

Recommended grade level: 9-10-11-12

Prerequisite: Audition with the director

Length of Course: up to three terms

Credit: .5 per term - Fine Arts

A select instrumental music class that will develop and broaden the musical abilities of students interested in jazz, pop, rock, is open to all serious musicians. Some students admitted to jazz band may be assigned “B” group status until they can demonstrate proficiency consistent with the needs of the ensemble. The Jazz Band performs a minimum of three concerts, a jazz festival and various special events.

Marching Band

Recommended grade level: 9-10-11-12

Prerequisite: Audition with the director and/or Middle School

Director’s approval

Length of Course: Three Terms are recommended

Credit: .5 per term - Fine Arts

The Eaton Rapids High School Bands are composed of instrumental musicians who have previously been a member of this band; incoming freshmen who have passed all 8th grade requirements, or students new to Eaton Rapids who have demonstrated their musical abilities to the director. All students chosen for membership must: (1) attend a one-week marching band camp in mid-August, (2) attend all scheduled extra rehearsals and performances and (3) supply white shoes, socks, shirt and gloves and summer uniform, as specified by the director. The fall will focus on marching. The marching band performs at a minimum of four home football games, a minimum of four parades, and various special events such as marching festivals and contests.

For the second and third terms, all members will be divided into the Wind Ensemble or Wind Symphony. The descriptions for both ensembles follows: The **Wind Symphony** is an instrumental ensemble designed to provide musicians with more opportunities to perform literature of a high difficulty level. The wind symphony performs at a minimum of two concerts, the MSBOA Band and orchestra festival, commencement ceremony and various special events such as exchange concerts, assemblies, and for area civic organizations. The **Wind Ensemble** is a select instrumental ensemble designed to provide advanced musicians with more opportunities to play difficult literature than available in Wind Symphony. Each musician must be proficient on his or her instrument on a soloist level and must be available to study privately and attend the MSBOA Solo and Ensemble festival. The Wind Ensemble follows a similar performance schedule as the Wind Symphony outline Above. Students are placed in Wind Symphony & Wind Ensemble by the band director.

Music Appreciation A & B

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Fine Arts

This class is designed to introduce students to the musical arts. Students will learn about the cultural origins of music with lessons in rhythm, movement, composition, expression, performance evaluation and the impact and power of music in our lives.

Choir

Varsity Choir

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: Up to 3 Terms

Credit: .5 per term - Fine Arts

Varsity Choir is a mixed choral ensemble designed for students who are interested in vocal music.

Sweet Harmony

Recommended grade level: 9-10-11-12

Prerequisite: Audition with director

Length of Course: Up to 3 Terms

Credit: .5 per term/Fine Arts

Sweet Harmony is an advanced, treble choral ensemble designed for female students who are interested in furthering their skills in vocal music.

Chamber Choir

Recommended grade level: 9-10-11-12

Prerequisite: Audition with director

Length of Course: Up to 3 Terms

Credit: .5 per term - Fine Arts

Chamber Choir is an advanced, mixed choral ensemble designed for students who are interested in furthering their skills in vocal music.

Drama

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: Up to 3 Terms

Credit .5 - Fine Arts

This class is designed to expose students to the many different areas and aspects of drama. Topics covered include: basic elements of drama, drama history, simple pantomime, improvisation, character analysis, blocking stage makeup, basic lighting and stage directions, plot development, and play writing.

Music Performance

Recommended grade level: 9-10-11-12

Prerequisite: Approval of band & Choir directors only.

Length of Course: Up to three terms

Credit: .5 term - Fine Arts

This is a dual enrollment band/choir class open only to advanced students who have met the audition requirements for both Wind Ensemble and Chamber Choir. During the 2nd and 3rd trimester (1st trimester will be unchanged), students will attend both classes on an every-other-day format or as the teachers see fit based on the performance calendar-this decision by the teachers will be final.

All students will still be held accountable for assignments given on days they are not in class. Grading for the class will be 50% band 50% choir.

Life Management

Personal & Family Living (NCAA Core)

Recommended grade level: 11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Fine Arts

This class is designed to help 11th/12th grade student's better understand the development of personalities, character and their importance in developing friendships, dating, love and commitment.

Child Development & Parenting

Recommended grade level: 11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Fine Arts

This class explores the physical, emotional, social, and intellectual growth of the child from conception to school age.

Mathematics

4 credits of math required for graduation (Algebra, Geometry, Algebra II, and 1 related math course)

Algebra 1 A/B (NCAA Core)

Recommended grade level: 9

Prerequisite: 8th grade math

Length of Course: Two Terms

Credit: .5 per term

This course builds upon a number of key algebraic topics assumed to have been developed in the middle grades, namely a deep knowledge of linear patterns of change and familiarity with nonlinear patterns such as exponential and quadratic.

Geometry A/B (NCAA Core)

Recommended grade level: 9-10

Prerequisite: Algebra 1 or teacher-recommendation

Length of Course: Two Terms

Credit: .5 per term

This course builds on a number of key geometric topics developed in the middle grades, namely relationships between angles, triangles, quadrilaterals, circles, and simple three-dimensional shapes.

Algebra 2 A/B/C/ (NCAA Core)

Recommended grade level: 10-11-12

Prerequisite: Algebra 1 & Geometry or concurrent with Geometry by teacher recommendation

Length of Course: Three Terms

Credit: .5 per term

Students will study linear, quadratic, polynomial, exponential and logarithmic functions. This will be covered in 2 years.

Pre-Calculus 1(NCAA Core)

Recommended grade level: (10)-11-12

Prerequisite: Geometry & Algebra 2 or teacher recommendation. Recommended C or better in Algebra 2 and Geometry

Length of Course: One Term

Credit: .5 per term

This course is a preparation for Calculus. The study of topics, concepts, and procedures of Pre-calculus deepens students' understanding of algebra and extends their ability to apply algebra concepts and procedures at higher conceptual levels, as a tool and in the study of other subjects.

Probability & Statistics(NCAA Core)

Recommended grade level: 11-12

Prerequisite: Algebra 2

Length of Course: One Term

Credit: .5 per term

This course develops basic properties of probability with its extensions into use and interpretation of statistical information.
A scientific calculator will be needed for this course.

Mathematics

4 credits of math required for graduation (Algebra, Geometry, Algebra II, and 1 related math course)

Trigonometry (NCAA Core)

Recommended grade level: (10)-11-12

Prerequisite: Pre-Calculus (Recommended C or better in Geometry & Algebra 2)

Length of Course: One Term

Credit: .5

This course develops an in depth understanding of the theory and application of trigonometry and its functions.

Advanced Placement Calculus (NCAA Core)

Recommended grade level: 11-12

Prerequisite: Pre-Calculus and Trigonometry (Recommended B+ or Better in Pre-Calculus and Trigonometry)

Length of Course: Three Terms

Credit: 1.5

This is a college level course of Calculus. The optional AP test, given in May, allows students to also earn college credit.

MINDSET (Mathematics Instruction using Decision, Science, and Engineering Tools)

Prerequisite: Algebra 2

Class description: This class is intended to provide students with the skills to cope with the mathematical standards of a technological society. Course topics include linear, quadratic, and exponential functions, skills in computations, estimation, and development of algorithms, data analysis, presentation of statistics, set operations and logic, linear programming, business techniques, algebra and geometry all within the realm of technology and how it relates to decision-making.

Foreign Language

Two to three years strongly recommended – required by some universities

(Beginning with the class of 2016 two years completion of the same foreign language are required).

Spanish 1 (NCAA Core)

Recommended Grade Level: 9-10-11 (Not recommended but available for seniors)

Prerequisite: None

Length of Course: Two terms

Credit: .5 per term

Spanish 1 introduces students to the Spanish language through the four skills of listening, speaking, reading and writing. Cultural information about the Spanish-speaking world including geography, history, music and customs is also introduced with a special emphasis on Mexico.

Spanish 2 (NCAA Core)

Recommended Grade Level: 10-11-12

Prerequisite: Spanish 1 or teacher approval

Length of Course: Two terms

Credit: .5 per term

Spanish 2 builds on what was learned in Spanish 1. Students improve their skills in listening, speaking, reading and writing. Grammar study, vocabulary building and writing compositions are emphasized. Cultural information emphasizes Spain

Spanish 3 (NCAA Core)

Recommended Grade Level: 11-12

Prerequisite: Spanish 2 or teacher approval

Length of Course: Two terms

Credit: .5 per term

Spanish 3 continues the study of grammar and vocabulary on an advanced level and is designed for the student who wants to become fluent in written and conversational Spanish. The cultural information included emphasizes Central and South America. An emphasis on advanced placement Spanish is also to be expected.

AP Spanish (NCAA Core)

Recommended Grade Level: 12

Prerequisite: Spanish 3 or teacher approval

Length of Course: Three terms

Credit: .5 per term

AP Spanish is for the student who wishes intensive study of Spanish language skills grammar and/or wants to prepare to take the AP Spanish Language Exam. The class will be conducted almost entirely in Spanish and students will prepare for specific parts of the AP exam through speaking, reading, writing and listening exercises.

Foreign Language

Two to three years strongly recommended – required by some universities

(Beginning with the class of 2016 two years completion of the same foreign language are required).

German 1 (NCAA Core)

Recommended grade level: 9-10-11-12

Prerequisite: None

Length of Course: Two Terms

Credit: .5 per term

Students taking German 1 will be introduced to the German language through the four skills of speaking, listening, reading and writing. An introduction of various cultural aspects of the German speaking people will be included.

Advanced German (NCAA Core)

Recommended grade level: 10-11-12

Prerequisite: German 1 or approval

Length of Course: Two Terms

Credit: .5 per term

Advanced German is a continuation of the study of skills learned in German 1. Greater emphasis will be placed upon improving vocabulary, grammatical and conversational skills. This course can be taken up to three times with Teacher approval as different topics are covered each year.

Physical Education

1 credit required for graduation

Physical Education A (Fall)

Recommended grade level: 9 (10-11-12)

Prerequisite: None-available to students who have not completed the Physical Education for graduation.

Length of Course: One Term

Credit: .5 per term

Golf, Soccer, Ultimate Frisbee, Roller Blading, Speedball, Touch Football, Daily Conditioning, & Health Concepts.

Physical Education B (Winter)

Recommended grade level: 9 (10-11-12)

Prerequisite: None-available to students who have not completed the Phys Ed requirement for graduation.

Length of Course: One Term

Credit: .5 per term

Volleyball, Basketball, weight Training, Badminton, Floor hockey, Daily Conditioning, Paddleball & Health Concepts

Physical Education C (Spring)

Recommended grade level: 9 (10-11-12)

Prerequisite: None-available to students who have not completed the Physical Education for graduation.

Length of Course: One Term

Credit: .5 per term

Tennis, Softball, Pickleball, Team Handball, Lacrosse, Daily Conditioning & Health Concepts.

Health

Recommended grade level: 9(10-11-12)

Length of Course: One Term

Credit: .5 per term

Subjects covered will include character building, conflict resolution, nutrition, substance abuse, and reproductive health.

Personal Conditioning

Recommended grade level: 10-11-12

Prerequisite: 1 credit of Physical Education

Length of Course: One Term

Credit: .5

Personal conditioning class is for those students who are interested in a more advanced and in-depth study, conditioning and training of him/herself. This program will include 3 days in the weight room and 2 days cardiovascular workouts.

Fitness & Wellness

Recommended grade level: 10-11-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term

This class is for those that would like to learn about lifetime fitness through various exercise methods; aerobics, Pilates, exercise balls etc. Muscle toning, body balance, nutrition, weight management and women's health concepts will be emphasized. Not a sports class.

Science

3 credits required for graduation

Advanced Biology A/B (NCAA Core)

Recommended grade level: 9
Prerequisite:
Length of Course: One Term
Credit: .5 per term

9th grade college prep. Hands-on lab-based biology course covering; cells, genetics, molecular genetics, evolution, classification of all 6 kingdoms. A more in depth education than regular biology.

Biology A/B (NCAA Core)

Recommended grade level: 9
Prerequisite: None
Length of Course: One Term
Credit: .1.0 or .5 per term

Biology A is the Study of microbiology including biochemistry, cells, and genetics. Hands-on, lab-based course introduces biological concepts and techniques

Biology B is the Study of macro biology including the human body, ecology, and evolution. Hands-on, lab-based course continues where Biology A leaves off.

Human Anatomy & Physiology A/B (NCAA Core)

Recommended grade level: 11-12
Prerequisite: Biology & Chemistry (Concurrently)
Length of Course: Two Terms
Credit: 1.0 or .5 per term

Must have received credit in biology A & B. The study of the human body by looking at its' structure and function. A hands-on lab-based college prep course designed for those interested in the sciences. You will be expected to perform a cat dissection at the end of the second trimester.

AP Biology (NCAA Core)

Recommended grade level: 11-12
Prerequisite: Chemistry, Algebra 2 & Biology (Recommended B+ or better)
Length of Course: Three Terms
Credit: 1.5 or .5 per term

11th or 12th graders that have completed both A & B of Chemistry, Algebra 2 & Biology (recommended B+ or above) or teacher admission. Hands-on lab-based college level Biology class designed to get students ready for college expectations and possibly place out of Biology at the college level. Topics covered; cells, ecology, genetics, biochemistry, molecular genetics, biochemistry, molecular genetics, evolutionary biology, plant diversity, animal diversity, & body systems.

Science

3 credits required for graduation

Chemistry Concepts A/B (Not NCAA Core)

Recommended grade level: 10
Prerequisite: Biology A & B
Length of Course: Two Terms
Credit: 1.0 or .5 per term

A survey of chemistry including atoms, periodic table, properties of matter, and bonding. Hands-on, lab-based course introduces basic concepts and lab techniques. During the 2nd term a conceptual study of chemical reactions, acid/base chemistry and thermo chemistry will occur using hands-on lab based techniques.

Chemistry A/B

Recommended grade level: 10
Prerequisite: Algebra 1
Length of Course: Two Terms
Credit: 1.0 or .5 per term

The study of matter and energy, the atom, periodic table, ions and bonding, and chemical reactions, stoichiometry, solutions, acids and bases, reaction rates and red-ox reactions to prepare students for college chemistry. Hands-on lab based course introduces advance chemical concepts and techniques. Recommended to students with a grade of “B” in Biology and Algebra I.

AP Chemistry (NCAA Core)

Recommended grade level: 11-12
Prerequisite: Chemistry & Biology (B or above or teacher recommendation, Algebra 2 or concurrently
Length of Course: Three Terms
Credit: 1.5 or .5 per term

11th or 12th graders that have completed chemistry & biology (B or above) or teacher admission. Hands-on lab-based college level chemistry class designed to get students ready for college expectations and possibly place out of chemistry at the college level. Topics covered include those covered in chemistry with further emphasis of lab technique.

Physics Concepts A/B (Not NCAA Core)

Recommended grade level: 11
Prerequisite: Biology A/B
Length of Course: Two Terms
Credit: 1.0 or .5 per term

Hands-on, lab-based investigation of the rules of nature. You will study the behavior sound, light, mirrors, lenses, velocity, acceleration, forces, vectors, momentum and energy through mathematical processes. You will use a conceptual approach to the concepts learned in physics

Science

3 credits required for graduation

Physics A/B (NCAA Core)

Recommended grade level: 11-12

Prerequisite: Algebra 2

Length of Course: Two Terms

Credit: 1.0 or .5 per term

A hands-on lab-based investigation of the rules of nature. You will study the behavior of sound, light, mirrors, lenses, velocity, acceleration, forces, vectors, momentum and energy thru mathematical processes. You must be very proficient in algebra, using a scientific calculator and communicating in a written report.

Global Science (NCAA Core)

Recommended grade level: 10-11

Prerequisite: Biology A & B

Length of Course: One Term

Credit: .5 per term

Applied science of the Earth's systems to society and the individual using hands-on labs, projects and research. Will study astronomy, climate and the hydrosphere.

Botany (NCAA Core)

Recommended grade level: 10-12

Prerequisite: Biology A & B

Length of Course: One Term

Credit: .5 per term

Investigation of the Plant Kingdom. Hands-on indoor, outdoor, and greenhouse laboratory work which includes use of microscopes and research into the varieties and workings of plants.

The following science courses are presently in development for future implementation or are currently not offered:

Plant Biology 1

Plant Biology 2

Invertebrate Zoology

Vertebrate Zoology

Senior Topics in Science

Social Studies

3 credits required for graduation

Freshmen Connections

Recommended grade level: 9
Prerequisite: None
Length of Course: One Term
Credit: .5 per term

Freshmen Connections is a class focused on easing the transition to high school for ninth grade students. The course objectives include character building, study skills, and career exploration and planning. Special programs will also be presented to meet the ever changing needs of today's students.

9th Grade Economics (Required) (NCAA Core)

Recommended grade level: 9
Prerequisite: None
Length of Course: One Term
Credit: .5 per term

Economics is a required social studies class that presents the information required in the State of Michigan content expectations. Students will study the impact of various economic systems and the effect that producers, consumers, and government can have on the systems.

9th Grade Civics (Required) (NCAA Core)

Recommended grade level: 9
Prerequisite: None
Length of Course: One Term
Credit: .5 per term

The main purpose of the Civics course is to increase the student's knowledge of the social and political organization of the United States.

United States History A: Foundations to 1940 (Required) (NCAA Core)

Recommended grade level: 10
Prerequisite: None
Length of Course: One Term
Credit: .5 per term

The purpose of this course is to help students understand themselves as Americans through the study of United States History and the historical processes, which affect their lives. In this term, students will be able to discuss how the major trends, events, and individuals from the Founding of the nation to 1940 helped to shape modern America.

Social Studies

3 credits required for graduation

United States History B: 1940 to the Present (Required) (NCAA Core)

Recommended grade level: 10
Prerequisite: US History A
Length of Course: One Term
Credit: .5 per term

Students will continue to explore and develop their understanding of themselves as Americans by looking at United States History and the Historical Process. This term of United States History will take a thematic look at history from 1940 to the Present.

Global Issues (NCAA Core)

Recommended grade level: (10)-11-12
Prerequisite: None
Length of Course: One Term
Credit: .5 per term

This class is designed for students who want to gain a deep understanding of issues that have important implications for the world. As a result of the class students will be able to: Relate to world-wide issues from a global perspective, Debate values and priorities of the world's cultures, assert their basic understanding about principles of the world community.

Sociology(NCAA Core)

Recommended grade level: (10)-11-12
Prerequisite: None
Length of Course: One Term
Credit: .5 per term

The basis of this class is for the students to become familiar with the basic concepts, theories, and methods of the discipline of sociology. They should also understand and be able to take a sociological perspective on personal experiences and public issues.

Psychology (NCAA Core)

Recommended grade level: (10)-11-12
Prerequisite: None
Length of Course: One Term
Credit: .5 per term

This introductory psychology course will cover the major theories of psychology. It provides the student with exposure to a variety of topics such as development from infancy to adulthood, sensation, perception, stress, motivation, emotion, the brain and its importance, personality development, abnormal psychology, and methods of therapy.

Social Studies

3 credits required for graduation

AP Psychology(NCAA Core)

Recommended grade level: (10) 11-12

Prerequisite: Strongly recommended that the student take intro to Psychology

Length of Course: Three Terms

Credit: 1.5 or .5 per term

AP Psychology is a college-level course designed to prepare students for the AP Exam in May. Psychology is the study of behavior and mental processes, and this course is intended to introduce students to the concepts, principles, theories, and theorists of the major subfields associated with Psychology, as well as the methods and ethics used by researchers in these fields. This is a reading and writing college-level intensive course that will require students to spend time outside of class for study and homework.

A.P. U.S. Government and Politics A, B, C (NCAA Core)

Recommended grade level: 11-12

Prerequisite: None

Length of Course: Three Terms

Credit: 1.5 or .5 per term

This course is designed for the highly motivated student who wishes to be challenged while still in high school and has an interest in U.S. politics. This class is also designed to prepare students for the A.P. U.S. Government test given in May.

World History and Geography A

Foundations to 16th Century (Required) (NCAA Core)

Recommended grade level: 11

Prerequisite: None

Length of Course: One Term

Credit: .5 per term

Students will explore the world's history from the beginning to the 16th century from a regional, interregional, and global perspective.

World History and Geography B

16th Century to the Present (Required)(NCAA Core)

Recommended grade level: 11

Prerequisite: World History A

Length of Course: One Term

Credit: .5 per term

Students will explore the world's history from the 16th century to the present from a regional, interregional, and global perspective.

Social Studies

3 credits required for graduation

AP World History (NCAA Core)

Recommended grade level: 10-11-12

Prerequisite: None

Length of Course: Three Terms

Credits: 1.5 or .5 per term

AP World History is a course for college-bound students interested in building the knowledge base and analytical skills necessary for success at the post-high school level. AP World History will help students develop greater understanding of the evolution of global processes and contacts among and between different types of human societies. Special attention will be paid to preparing students for the AP World History Exam in May. Students who earn a qualifying score on the Advanced Placement Examination may have the opportunity to gain college credit for up to a full year of world history. This course will be conducted using college-level standards.

U.S. Government (ELECTIVE) (NCAA Core)

Recommended grade level: (11)-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term

This elective 12-week course has three purposes. Students: 1) learn how the government functions, at the national, state and local levels, 2) learn how the actions of government affects them, and 3) learn how they can participate in government. Students will also participate directly in government, and civil society through a variety of required activities.

Technology Education

May take up to 3 terms of Drafting or Metals a year

Drafting Technology

Recommended grade level: 9-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term - Fine Arts or Computer

Drafting Technology will focus on giving students a well rounded approach to technical drawing. It will include studies in sketching, engineering, architecture and CAD.

Metals Tech

Recommended grade level: 9-12

Prerequisite: None

Length of Course: One Term

Credit: .5 per term -Fine Arts

This class will be a basic introduction to the metal working industry. There will be an emphasis on safety, measurements, blue print reading, sheet metal work, basic cutting operations (oxy/acetylene & plasma torch, hand saw), sheet metal equipment operations, metal identification (ferrous/nonferrous), resistance welding (spot welding), tool identification, tap & die calculations, an introduction to welding and machine tool (at the end of the term).

Small Engines

Course Description:

Small Engines is a semester course that provides each student with an opportunity to learn small engine fundamentals. Students will learn proper measuring techniques, safe operations of all equipment and machines in the lab and rebuild an engine. Students will learn about the different parts that make up a small engine and their function.

Wood Technology

Course Description:

Wood Technology I is a beginning level course in woodworking. The course will be taught as if the student had no prior woodworking experience. Each machine will be explained thoroughly with an emphasis on safety. Students will also learn wood selection, proper measurement techniques, cost calculation, project plan reading, squaring a board, wood joints, sanding, finishing, and other woodworking procedures necessary to complete a beginning level wood project within trimester.

Advanced Drafting

Recommended grade level: 9-12

Prerequisite: Drafting Technology

Length of Course: One Term

Credit: .5 per term - Fine Arts

Students will continue the start of architecture and engineering drafting topics. Students may select up to 3 terms of advanced drafting each year.

Home Electrical

Course Description:

Home Electrical is a semester course that would provide the students with the basic knowledge of how home electrical systems work. Students will get the opportunity to wire up small areas of a home electrical system. Students will learn how to test for power while also learning safety procedures to be used with electricity.

Technology Education

May take up to 3 terms of Drafting or Metals a year

Advanced Metals

Recommended grade level: 10-11-12

Prerequisite: Metals Tech

Length of Course: One Term

Credit: .5 per term - Fine Arts

The students will learn basic welding and machine tool skills needed to produce quality products. Welding-Safety, Different welding processes: arc welding (stick), Gas metal Arc Welding (G.M.A.W.), Tungsten Inert Gas Welding (T.I.G.), Flux Cored Arc Welding (F.C.A.W.). Different welding positions, welding electrodes, types of welding gases, maintenance of welding machines, Machine Tool-Safety, Knowledge of Vertical Mills & Lathes, Speeds & Feeds, Tooling set up: prepping High Speed Steel cutting tools, Measurements=Micrometers, Maintenance of Milling machines & Lathes, Drill press & sharpening drill bits

Courses Currently Not Offered

Independent Study

Cooperative Education

Career Preparation Courses

CPC classes are taken at an off campus location, usually Lansing Community College. CPC courses will take the place of 2 classes at the high school each trimester. Students taking CPC courses are expected to stay in their course the entire year. Students must have transportation to school if they take an Am class and home at the end of the day if they take a PM class.

CPC Classes

Recommended grade level: 11-12

Prerequisite: None for first year

Second year may have a prerequisite. See counselor for more information.

Length of Course: One or two years

Credits: 1 per term



ARTS AND COMMUNICATION PATHWAY

Careers related to performing, visual, literary and media arts. Career path might be for you if you...Are a creative thinker, imaginative, innovative and original? Are interested in communicating ideas? Like making crafts, drawing, playing an instrument, taking photos or writing stories?

Commercial Art: (LCC Downtown Campus) (LCC Downtown Campus) This program allows students to explore visual communication methods, essential design principles and their own creative processes through a variety of creative situations and visual problem solving challenges. Building upon these explorations, students learn to distinguish and visually develop various graphic elements, ultimately aiming for intelligent integration of photography, digital painting, typography and graphic design into effective unified layouts for magazines, newsletters, brochures, comic books and other two-dimensional printed mass-media materials. In addition to developing their own creative confidence and design skills, students gain a working knowledge of the industry-standard graphic applications Adobe Photoshop, Adobe Illustrator and Adobe InDesign. If college level work is attained, student may earn up to 9 LCC credits.

Career Preparation Courses

Typical time spent for class lecture:40% Typical time spent for hands-on: 60% Homework per week: Rarely
Academic Recommendations: Reading Level – High Math Level – Low Writing Level – High
Work Keys Entry Level Job Example: **Graphic Designer** Recommendations: Reading 5 Math 5 Locating Information 4

Computer Graphics and Web Design: (LCC West Campus) This program explores visual communication in art, photography, film, advertising, video and the World Wide Web. Students are expected to develop projects in a highly technical environment including learning new computer languages, debugging code, and trouble shooting designs. The goal is to apply visual awareness and technical skills to create exciting, visually appealing web designs. Extensive hands-on training in several of the major software applications used in the field of graphic communication is provided. Design and build complex websites with Adobe Dreamweaver, create and modify images in Photoshop, and add animation and multimedia to their sites with Flash. If college level work is attained, student may earn up to 9 LCC credits.

Typical time spent for class lecture: 20% Typical time spent for hands-on: 80% Homework per week: Rarely
Academic Recommendations: Reading Level – High Math Level – Low Writing Level – High
Work Keys Entry Level Job Example: **Computer Specialist** Recommendations: Reading 4 Math 5 Locating Information 4

Computer Graphics/Animation (LCC West Campus): This program explores visual communication in art, animation, 3d modeling, video games, photography, film, advertising, video and the World Wide Web. Students are expected to develop projects in a highly technical environment including learning new computer languages and software. Extensive hands-on training in several of the major software applications used in the field of computer design is provided. Create and modify images in Photoshop, create animation and interactive media with Flash, and develop three-dimensional models in open-source modeling platforms. The goal is to apply visual awareness and technical skills to create exciting, visually appealing static, animated and interactive designs. If college level work is attained, student may earn up to 9 LCC credits.

Typical time spent for class lecture: 20% Typical time spent for hands-on: 80% Homework per week: Rarely
Academic Recommendations: Reading Level – High Math Level – Low Writing Level – High
Work Keys Entry Level Job Example: **Computer Specialist** Recommendations: Reading 4 Math 5 Locating Information 4

Fashion Technology: (LCC West Campus): Students will explore the careers of the fashion, textiles, retail and merchandising and design industry

Career Preparation Courses

through field trips, guest speakers, textbooks, workbooks, the Internet and other hands on activities. Students will learn about the globalization and environmental issues of the apparel industry using state of the art computer applications. Students will be exposed to all foundational design and industry practices and standards. They will experience visual merchandising, styling and trend forecasting through project based learning. Students will implement green principles by learning developing designs and up cycling discarded garments and household goods. Technical drawing, fashion sketching and illustration techniques are used to create industry specs and designs. Students will conceive, design and construct up cycled repurposed garments which they will install in a gallery setting. If college level work is attained, student may earn up to 12 LCC credits.

Typical time spent for class lecture: 50% Typical time spent for hands-on: 50% Homework per week: 1-2 Hr
Academic Recommendations: Reading Level – Low Math Level – Low Writing Level – Low
Work Keys Entry Level Job Example: **Retail Salesperson** Recommendations: Reading 4 Math 3 Locating Information 5

Interior Design: (LCC West Campus): This program has been created from the first four classes taken by college interior design students. Students receive exposure to the pros and cons of a career in Interior Design, the fundamentals of sketching & drafting, the psychology & use of color, space planning & layout, selecting furniture & finishes, the history of furniture styles, and the new field of sustainable design. These are a few of the concepts students will encounter during the year. Hands-on projects, PowerPoint Presentations, field trips, guest speakers and “live” client projects are all utilized along with lecture, textbook and workbook.

Typical time spent for class lecture: 50% Typical time spent for hands-on: 50% Homework per week: 2-4 Hr
Academic Recommendations: Reading Level – Low Math Level – Low Writing Level – Average
Work Keys Entry Level Job Example: **Interior Designer** Recommendations: Reading 4 Math 5 Locating Information 5



BUSINESS, MANAGEMENT, MARKETING AND TECHNOLOGY PATHWAY

Careers related to business environment, Career path might be for you if you enjoy ...Being a leader, organizing people, planning activities and talking?
Working with numbers and ideas? Carrying through an idea and seeing the end product? Balancing a checkbook, following the stock market, holding an office, surfing the Internet?

Career Preparation Courses

Computer Support: (LCC West Campus) This program provides students with the skills to diagnose and correct problems that computer users encounter. The students receive practical hands-on experience in installing, maintaining, and troubleshooting computer hardware and software while developing their communication skills and professionalism. This course includes the CompTIA A+ Essentials and A+ Practical Application certification exams that are required to receive CompTIA A+ certification. If college level work is attained, student may earn up to 9 LCC credits.

Typical time spent for class lecture: 60% Typical time spent for hands-on: 40% Homework per week: Rarely
Academic Recommendations: Reading Level – High Math Level – Algebra 1 Writing Level – Avg
Work Keys Entry Level Example: **Computer Support Specialist** Recommendations: Reading 5 Math 5 Locating Information 4

Information Foundations Technology /Programming: (LCC West Campus) This program provides an introduction to computers and their role in managing business information systems. Operating System design and architecture is also discussed. The course concludes with an introduction to computer programming which includes: structured program design, programming control structures, user interface design, and file processing. Students use appropriate design tools and write programs as part of their homework assignments.

Typical time spent for class lecture: 60% Typical time spent for hands-on: 40% Homework per week: Rarely
Academic Recommendations: Reading Level – Average Math Level – Algebra 1 Writing Level – Average
Work Keys Entry Level Example: **Computer Support Specialist** Recommendations: Reading 5 Math 5 Locating Information 4



ENGINEERING/MANUFACTURING/ INDUSTRIAL TECHNOLOGY PATHWAY

Career Preparation Courses

Careers related to technologies necessary to design, develop, install, and maintain physical systems. Career path might be for you if you are... Mechanically inclined and practical? Like reading diagrams and blueprints, and drawing building structures? Curious about how things work? Interested in painting houses, repairing cars, wiring electrical circuits, or woodworking?

Auto Collision Repair: (LCC West Campus) This program introduces the student to the tools used and elementary repairs completed in the collision repair industry. This includes an introduction to the refinishing process that forms the basis for all automotive refinishing work. Surface preparation, material selection, beginning welding, and the use of hand and power tools (including automotive spray guns) will be covered. If college level work is attained, student may earn up to 8 LCC credits.

Typical time spent in class lecture: 20% Typical time spent hands-on: 80% Homework per week: 1-2 hr
Academic Recommendations: Reading Level – Low Math Level – Low Writing Level – Low
Work Keys Entry Level Example: **Auto Body & Related Repair** Recommendations: Reading 5 Math 5 Locating Information 4

Automotive Technology: (LCC West Campus): Careers related to technologies necessary to design, develop, install, and maintain physical systems. Career path might be for you if you are... Mechanically inclined and practical? Like reading diagrams and blueprints, and drawing building structures? Curious about how things work? Interested in painting houses, repairing cars, wiring electrical circuits, or woodworking?

Typical time spent for class lecture: 40% Typical time spent hands-on: 60% Homework per week: Rarely
Academic Recommendations: Reading Level – Average Math Level – Pre-Algebra Writing Level – Low
Work Keys Entry Level Example: **Auto Master Mechanic** Recommendations: Reading 4 Math 4 Locating Information 4

Automated Systems Specialist/Robotics (West Campus): After an introduction to industrial workplace safety, including the ability to earn First Aid and CPR/AED certifications, students will focus on the installation and repair of electrical, hydraulic, pneumatic and digital controls that operate Automated Mechanical and Robotic Systems. If college level work is attained, student may earn up to 11 LCC credits.

Academic Recommendations: Reading Level: Average Writing Level: Average Math Level: Average

Career Preparation Courses

This course meets the 4th Math requirement for the Michigan Merit Curriculum

Building & Electrical Trades: (LCC West Campus): This program provides an overview of residential construction and installation practices for sheet metal, electrical, and structured framing. The above practices are applied to classroom, lab exercises, and jobsite installation. Upon completion of this program, students could pursue a career as one of the following: carpenter, electrician, heating/air conditioning technician/installer, or electrical utility line worker. During the process of working at a building site, students will be expected to work both individually and as a member of work teams. This class requires lifting climbing and working outside in inclement weather. If college level work is attained, student may earn up to 13 LCC credits.

Typical time spent for class lecture: 50% Typical time spent for hands-on: 50% Homework per week: Rarely
Academic Recommendations: Reading Level – Average Math Level – Pre Algebra Writing Level – Low
Work Keys Entry Example: **Construction Worker** Recommendations: Reading 4 Math 3 Locating Information 3

This course meets the 4th Math requirement for the Michigan Merit Curriculum

CAD/CAM/Pre-Engineering: (LCC West Campus): This program teaches the basic skills and concepts for design, manufacturing, and decision making related to engineering processes. Some of the skills covered are basic drafting conventions and techniques, 3D parametric modeling, and a study of materials and processes for modern manufacturing, material science and testing. If college level work is attained, student may earn up to 10 LCC credits.

Typical time spent for class lecture: 40% Typical time spent for hands-on: 60% Homework per week: 1-2 hr
Academic Recommendations: Reading Level – Low Math Level – Pre Algebra Writing Level – Low
Work Keys Entry Example: **Electronic Drafter** Recommendations: Reading 5 Math 6 Locating Information 5

Civil Engineering and Energy Technology: (LCC West Campus): Students interested in engineering, biomechanics, aeronautics, and other applied math and science arenas will discover this program provides an exciting portal into these industries. Through activities-based, project-based, and problem-based learning, this program creates an environment for applying engineering concepts to real problems. No matter where students pursue their collegiate training in engineering, this program provides an excellent foundation for addressing and implementing solutions to existing problems with contemporary technology and applied logic. If college level work is attained, student may earn up to 13 LCC credits.

Career Preparation Courses

Academic Recommendations: Reading Level: Average Writing Level: Average Math Level: Algebra II

This course meets the 4th Math and 3rd Science requirement for the Michigan Merit Curriculum

Heavy Equipment Repair: (AIS Construction Company/Shuttle from LCC West Campus): Learn skills for your lifetime! Classroom and hands on repair of construction and farm equipment. This is a unique opportunity for you to be trained at AIS Construction Company, a state-wide heavy equipment dealer. Tasks and skills learned will include: operating a diesel engine, disassembling and reassembling and engine to running condition; basic electricity; fundamentals of hydraulics including tearing down and assembling hydraulic components and cylinders; heavy equipment power trains; disassembling and reassembling transmissions and axle assemblies; applying all course content to the latest technology coming in from construction and farm equipment manufacturers. Part one of a two-year program. If college level work is attained, student may earn up to 8 articulated LCC credits after two years.

Typical time spent for class lecture: 50% Typical time spent for hands-on: 50% Homework per week: 1-2 hr
Academic Recommendations: Reading Level – Average Math Level – Average Writing Level – Average
Work Keys Entry Example: **Mechanic** Recommendations: Reading 4 Math 4 Locating Information – 4

This course meets the 4th Math requirement for the Michigan Merit Curriculum

Welding Technology: (LCC West Campus) : In this program, first year students are instructed in the basics of gas welding, brazing, cutting, and shielded metal arc welding on mild steel. Second Semester covers gas metal arc welding and flux core arc welding. Emphasis is placed on short circuit and spray transfers. Students are also prepared to set up and pass a qualification test according to the American Welding Society. Students taking a second year will learn advanced arc welding, which prepares them for welding pipe and passing a qualification test using shielded metal arc welding. In the second semester of the second year, students move onto learn gas tungsten arc welding as well as an introduction to blueprint reading for welders and metallurgy. Welding is taught through lectures and hands on experiences. Common sense and safety are important qualities for students interested in welding. If college level work is attained, student may earn up to 13 LCC credits in year one, and 12 credits in year two.

Typical time spent for class lecture: 20% Typical time spent for hands-on: 80% Homework per week: Rarely
Academic Recommendations: Reading Level – Average Math Level – Average Writing Level – average
Work Keys Entry Example: **Welder & Cutter** Recommendations: Reading 4 Math 5 Locating Information 4

Career Preparation Courses

This course meets the 4th Math requirement for the Michigan Merit Curriculum



HEALTH SCIENCES PATHWAY

Careers in this path are related to the promotion of health and treatment of disease. These include research, prevention, treatment and related health technologies. Career path might be for you if you are...Interested in diseases and how the body works? Enjoy reading about science and medicine? Like caring for people who are sick or to help them stay well?

Emergency Medical Services/Fire Science: (LCC West Campus): This program will prepare students to enter courses in the field of fire protection and emergency medical services. This program provides an overview to fire protection; career opportunities in the fire protection and related fields, philosophy and history of fire protection services; organization and function of public and private fire protection services; fire departments as part of local governments; laws and regulations affecting the fire service; and fire nomenclature. During this class, problem-solving, decision making, and basic firefighting competencies will be practiced. EMS topics will include patient assessment, CPR, AED, triage and scene management. HIPPA and OSHA standards, as well as written, verbal, and radio communications will be taught. Practical skills may include common medical terms and abbreviations, basic anatomy and physiology, and career exploration into an assortment of pre-hospital and hospital careers. If college level work is attained, student may earn up 8 LCC credits.

Typical time spent for class lecture: 50% Typical time spent for hands-on: 50% Homework per week: 1-2 hr
Academic Recommendations: Reading Level – High Math Level – Low Writing Level – High
Work Keys Entry Example: **Fire Prevention Engineer** Recommendations: Reading 6 Math 3 Locating Information 5

Health Technology: (LCC Downtown Campus): This program prepares students for health related careers by providing: 1) an overview of current health systems, 2) information on potential careers, 3) application of necessary study skills, and 4) practice in the basic skills required for a job in a variety of health-related occupations. In the first semester, computer research and academic work focuses on various health careers. Second semester emphasizes skills for the nurse assistant certification (CENA long term care nurse aide credentials) and college level medical terminology. Throughout the course, students learn the professional characteristics for

Career Preparation Courses

healthcare workers including critical thinking and interpersonal skills. Students develop the necessary study habits and note taking skills needed for the academic work of the medical field. Students are trained in a solid foundation of core nursing assistant skills including blood pressures, vital signs, occupied bed making, transfer techniques, and medical abbreviations. Whenever possible students will have an opportunity to view various health career occupations through service learning opportunities, guest speakers, and off-site health career exploration. Those students who qualify may have the option to take Clinicals for the CENA certification after the school year ends. If college level work is attained, student may earn up to 9 LCC credits.

Typical time spent for class lecture: 75% Typical time spent for hands-on: 25% Homework per week: 3-5 hr
Academic Recommendations: Reading Level – High Math Level – Low Writing Level – Average
Work Keys Entry Example: **Nurse Aide/Orderly** Recommendations: Reading 4 Math 3 Locating Information 4

This course meets the 3rd Science requirement for the Michigan Merit Curriculum



HUMAN SERVICES PATHWAY

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. Career path may be for you if you... Are friendly, open, understanding and cooperative? Like to work with people and to solve problems? Find it important to do something that makes things better for other people? Like to help friends?

Criminal Justice LCC West Campus): This program explores the basic concepts and potential career opportunities in Criminal Justice. The course provides instruction in the areas of law enforcement, the courts, and corrections. A career in law enforcement requires you to read, understand criminal laws and write reports. Therefore, good reading, oral communication and writing skills are important. Criminal Justice is primarily an academic program with some hands-on activities such as pressure points, take downs, handcuffing. Teen Court and firearms training throughout the semester. Field trips also are scheduled to the Hall of Justice, Camp Highfields (a juvenile center), the Ingham County Jail, and a prison (for those students who are at least 18 years of age). Frequent guest speakers give information about what it is like to be a police officer, corrections officer or juvenile worker. If college level work is attained, and required reading/writing placement levels are met/ student may earn up to 9 LCC credits.

Career Preparation Courses

Typical time spent for class lecture: 75% Typical time spent for hands-on: 25% Homework per week: 3-5 hr
Academic Recommendations: Reading Level – High Math Level – Low Writing Level – Average
Work Keys Entry Example: **Police/Corrections Officer** Recommendations: Reading 4 Math 4 Locating Information 4

Law Enforcement (LCC West Campus): this program explores the basic and potential career opportunities in Law Enforcement. The program provides students with a current, coordinated, and comprehensive overview of criminal justice and an institution and as a system. Students will also be exposed to concepts and theories of patrol and the delivery police services along with an understanding of the philosophy of police services commuting policing. A career in law enforcement requires you to read, understand criminal laws and write reports. Therefore, good reading, oral communication and writing skills are important. A typical week will involve three days of classroom instruction and two days of physical fitness that requires participation and hands-on policing activities. Some activities include self defense, defensive tactics, handcuffing, crime scene processing, traffic stops, accident investigation, arrest techniques, report writing, and drills (drills are designed to develop character, confidence and leadership skills). Students will practice the Michigan Commission on Law Enforcement Standards (MCOLES) physical test that is required when a person wants to attend a police academy. If college level work is attained, student may earn up to 9 LCC credits.

Early Childhood Education: (LCC Downtown Campus): Reflection, multiculturalism, teaching to the whole child and professionalism are the four themes of Early Childhood Education training. In this program you will learn how to use these tools to teach children up to the age of nine. You will also learn important concepts related to child development, health and safety, and positive guidance and discipline. A placement experience with young children at a child care center occurs two days/week from early January through May. In addition, students develop the key components of their CDA Portfolio. This program is designed for students who want to work right out of high school in the high-demand field of early childhood education, or it fits a career goal of elementary education and related fields such as social work or child psychology. If college level work is attained, student may earn up to 5 LCC credits.

Percent of time spent for class lecture: 60% Typical time spent for hands-on: 40% Homework per week: 3-5 hr
Academic Recommendations: Reading Level – Average Math Level – Low Writing Level – Average
Work Keys Entry Example: **Child Care Worker** Recommendations: Reading 4 Math 3 Locating Information 4

Career Preparation Courses



NATURAL RESOURCES AND AGRISCIENCE PATHWAY

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. Career path may be for you if you... Are a nature lover? Are practical, curious about the physical world and interested in plants and animals? Enjoy hunting or fishing? Like to garden or mow the lawn? Are interested in protecting the environment?

Zoo and Aquarium Science (Potter Park Zoo/Shuttle available from LCC West Campus): This program is designed for students who have career interests in zoology, marine and animal science, veterinary medicine conservation and/or environment education. This is an in-depth, hands on learning experience in a real world setting—Potter Park Zoo. In addition to classroom work, students will be expected to actively participate in zoo activities. Students must be able to tolerate working in various weather conditions. Rain jackets are provided. No LCC credit is available for the course.

Typical time spent for class lecture: 40% Typical time spent for hands-on: 60% Homework per week: 3-5 hr
Academic Recommendations: Reading Level – High Math Level – High Writing Level – Average
Work Keys Entry Example: **Vet Technologist** Recommendations: Reading 4 Math 5 Locating Information 5

Career Preparation Courses

CTE PROGRAMS THROUGH OTHER AREA CAREER CENTERS

***Available to Eaton County Students**

CAPITAL AREA CAREER CENTER IN MASON

The following programs are offered in partnership with the Capital Area Career Center in Mason with a separate enrollment process. For information contact Ingham ISD at 517-244-1330.

Capital Area Career Center Healthcare Education Partnership (CAHEP): (Lansing Hospital own transportation required.)

This program will provide high school students with direction and exposure to health careers, refocusing on developing academic, technical, and employability skills, as well as to prepare students to transition into post-secondary training and/or health care employment. Separate application process.

Work Keys Entry Example: **Nurse Aide/Orderly** Recommendations: Reading 4 Math 3 Locating Information 4

Lansing Area Manufacturing Partnership (LAMP): General Motors facility in downtown Lansing. Own transportation

In one of the most modern manufacturing facilities in the world, you will develop skills and knowledge in modern manufacturing processes, systems and state-of-the-art technology. This will include working with mentors, project advisors and subject matter experts. LAMP is considered an excellent preparation program for those students who have an interest in the business, entrepreneurship and engineering fields. Separate application process.

Work Keys Entry Example: **Engineering Tech.** Recommendations: Reading 4 Math 3 Locating Information 4

Career Pathways

The Eaton Rapids High School program of studies is designed to offer students a pathway to success. As students enroll in Eaton Rapids High School they will select a career pathway designed to meet their academic potential and career interest. The Pathway selection will provide a focus, and the foundation, for the students' learning experience.







A career pathway is a system that creates well-marked "paths" of sequenced courses which provide both focus and direction to a student's learning experience. The pathway prepares the student for a goal-oriented future and puts purpose in learning. It offers a system of choice for each student.

Students will develop a four-year high school educational plan that will maximize their post high school potential and opportunities. Through an applied academic instructional program, all students will begin to see and value the relationship between their academic studies and real world application. This contextual learning experience will enable students to make informed decisions that will better match their interest and aptitudes with their academic experiences as they consider career options. Students will continue to meet with the counselors throughout high school to review their progress toward achieving their goals and to further refine their academic and career plans.

Career Pathways

All students are encouraged to plan a high school schedule that supports their post high school goals. Our students have been introduced to the concept of career planning. A career Pathways framework has been implemented throughout the state to assist students in career decision-making.

Career Pathways Definitions

<p>Arts and Communication</p> 	<p>Careers related to the humanities, the performing, visual, literary and media arts. These careers interest people who enjoy being creative. Examples include artists, journalists, industrial designers, musicians, photographers and theater technicians.</p>
<p>Business, Management, Marketing & Technology</p> 	<p>Careers related to all aspects of business including accounting, business administration, finance, information processing, and marketing. Examples include accountants, business managers, salespersons, buyers, computer network administrators, secretaries and stock analysts.</p>
<p>Engineering/Manufacturing and Industrial Technology</p> 	<p>Careers related to the various technologies necessary to design, develop, install and maintain physical systems. Understanding and working with tools, equipment, and other kinds of machinery is important to people who have careers in this pathway. Examples include architects, airplane pilots, engineers, carpenters, technicians and mechanics.</p>
<p>Health Services</p> 	<p>Careers related to the promotion of health as well as the treatment of injuries and disease. Examples include physicians, nurses, pharmacists, health facility administrators, dental assistants, veterinarians, morticians and medical technicians.</p>
<p>Human Services</p> 	<p>Careers in childcare, civil service, education, hospitality, and the social services. Examples include postal worker, police officer, lawyer, teacher, fire fighter, employment counselor, and hazardous waste technicians.</p>
<p>Natural Resources and Agri-Science</p> 	<p>Careers related to natural resources, agriculture, and the environment. Examples include environmentalists, turf grass managers, farmers, landscape architects, plant scientists, marine biologists and agricultural equipment mechanics.</p>

Arts and Communication

Careers in Journalism

Assistant Newswriter
Assistant Production Manager
Assistant Writer/Editor
Author

Columnist
Editor
Journalism Technician
Layout Planner

Media Announcer
Newspaper Reporter
Production Manager
Publisher

Radio/TV Broadcaster
Technical Writer
Writer

Graphic Technology Arts

Author
Columnist
Computer Graphic Technician
Darkroom Technician

Editor
Graphic Artist
Layout Planner
Media Announcer

Newspaper Reporter
Printing Press Operator
Production Manager
Publisher

Radio/TV Broadcaster
Screen Printing Machine Operator
Technical Writer
Writer

Fine & Performing Arts

Accompanist
Actor/Actress
Art Director
Artist
Assistant Director
Assistant Producer
Band Orchestra Member

Carpet/Furniture Designer
Cartoonist
Choreographer
Chorus Member
Composer
Dancer
Director

Disc Jockey
Fashion Designer
Historian
Illustrator
Interior Designer
Lighting Director
Model

Musician
Painter
Producer
Sculptor
Set Designer
Theater Technician
Vocal Performer

Arts and Communication

Pathway Requirements

English 9, 10, 11, 12

Algebra I, Geometry, Algebra II

Biology, Chemistry, Physics

Civics/Economics, US History, World History

Computer Literacy

Fine/Practical Arts

Physical Education

Related Elective Courses

English Electives
Psychology
Foreign Language

Global Issues
Instrumental Music
Music

Pre-Calculus
Sociology
Visual Arts

Vocal Music

Arts and Communication

Suggested 4 year Plan

9th Grade

English 9/Adv. English 9
Algebra I/Adv Geometry
Biology/Advanced Biology
Civics/Economics
Physical Education /Health
Freshman Connections
Elective

10th Grade

English 10/American Lit
Geometry/Adv Algebra II
Chemistry Concepts/Chemistry
US History
Elective
Elective

11th Grade

English 11
Algebra II/PreCalculus
Physics Concepts/Physics
World History
Pathway Related Elective

12th Grade

English 12
Math
Elective
Pathway Related Elective
Pathway Related Elective
Elective
Elective

***Bold Items are graduation requirements**

Business Management Marketing & Technology

Accounting

Accountant
Analysis Consultant
Assistant Accountant
Auditor
Bank Teller
Bookkeeper
Budget Analyst

Buyer
Certified Public Accountant
Comptroller
Credit Analyst
Financial Analyst
Hotel Manager

Loan Officer
Stock Broker
Certified Managerial Acct.
Computer Information
Systems Careers
Computer Programmer

Data Processing Supervisor
Systems Analyst
Systems Designer

Computer Information Systems

Computer Programmer
Computer Service Technician
Data Processing Supervisor

PC & Office Machine Repair
PC Applications Clerk

Systems Analyst
Systems Designer

Marketing

Account Executive
Advertising Director
Agency Manager
Art Director
Assistant Buye
Asst. Distribution Manager

Asst. Public Relations Officer
Asst. Sales Manager
Automobile Dealer
Bank Manager
Claims Examiner
Entrepreneur

Lobbyist/Public Relations
Manager
Manufacturing Representative
Marketing Research Specialist
Media Buyer

Merchandise Displayer
Purchasing Agent/Buyer
Real Estate Broker
Sales Representative
Small Business Manager
Trade Show Exhibitor

Office Technologies

Administrative Assistant
Administrative Service
Bank Teller
Billing Clerk
Business Manager

Clerical Supervisor
Court Report
Credit Clerk
Data Processing Manager
Executive Assistant

General Office Clerk
Legal Secretary
Medical Secretary
Para Legal
Payroll Clerk

Receiving Clerk
Receptionist
Word Processing Specialist

Business Management Marketing & Technology

Pathway Requirements

English 9, 10, 11, 12

Algebra I, Geometry, Algebra II

Biology, Chemistry, Physics

Civics/Economics, US History, Government

Computer Literacy

Fine/Practical Arts

Physical Education

Related Elective Courses

Accounting I & II
AP Calculus
English Elective
Foreign Language
Pre-Calculus

Psychology
Sociology
Business Administration
Business Law I/II
Introduction to Business

Journalism
Off Campus Vocational Classes:
Computer Repair/Electronics
Computer Maintenance Network Technician
Marketing & Management

Retail Marketing
Visual Arts Classes
Work Experience

Business Management Marketing & Technology

Suggested 4 year plan

9th Grade

English 9/Adv. English 9
Algebra I/Adv Geometry
Biology/Advanced Biology
Civics/Economics
Physical Education/Health
Freshman Connections
Elective

10th Grade

English 10/American Literature
Geometry/Adv Algebra II
Chemistry Concepts/Chemistry
US History
Elective
Elective
Elective

11th Grade

English 11
Algebra II or Pre Calculus
Physics Concepts/Physics
World History
Pathway Related Elective
Elective
Elective

12th Grade

English 12
Math
Pathway Related Elective
Pathway Related Elective
Elective
Elective
Elective

Engineering/Manufacturing and Industrial Technology

Building Construction Careers

Assistant Builder
Brick/Cement Mason
Builder
Building Contractor

Building Inspector
Building Superintendent
Carpenter
Estimator

Furniture Maker
Painter/Finisher
Paper Hanger
Plaster/Dry Wall Installer

Scheduler
Surveyor's Helper

Drafting & Design Technology Careers

Architect
Apprentice Machine Designer

CAD
Design Engineer

Landscape Architect
Machine Designer

Mold Designer
Tool & Die Designer

Engineering & Industrial Careers

Audio Service Technician
Camera Operator
Computer Division Manager

Computer Technician
Electrical Engineer
Electronics Manager

Industrial Elect. Apprentice
Sound Director
Video/Radio/TV Technician

Manufacturing Careers

Aeronautical Engineer
Agricultural Engine
Automated Equipment Tech
Automated Systems Programmer
Chemical Engineer

CNC Operator
Die/Mold Engineer
Industrial Engineer
Industrial Maint Mechanic App.
Machine Maintenance Tech

Machine Repair Apprentice
Mechanical Engineer
Model Maker
Nuclear Engineer
Plastics Engineer

Precision Machinist
Production Tech Manager
Quality Control Engineer
Tool & Die Maker

Research Occupation:

Computers, Mathematics & Operations

Actuary
Agricultural Economist
Applied Mathematician
Artificial Intelligence
Asst. Social Researcher

Chemical Technician
Computer Info Systems Asst.
Computer Scientist
Computer Programming Asst.
Market Research Analyst

Mathematician
Network Engineer/Analyst
Nuclear Technologist
Physicist
Power Production Technician

Rate Analyst
Social Scientist
Sociologist
Statistician
Urban Planner

Transportation Technology

Aeronautical Technician
Aircraft Mechanic
Aircraft Pilot-Commercial
Air Traffic Controller
Auto Body Owner/Manager

Auto Body Technician
Auto Mechanic Master
Auto Service Manager
Automotive Engineer
Aviation Maintenance Manager

Bus/Taxi/Limo Driver
Collision Estimator
Flight Engineer(Commercial)
Marine Mechanic
Motorcycle Mechanic

Railroad Engineer
Truck Drive
Trucking Fleet Manager

Engineering/Manufacturing and Industrial Technology

Pathway Requirements

English 9,10, 11, 12

Algebra I, Geometry, Algebra II, PreCalculus

Biology, Chemistry, Physics, AP Chemistry

Civics/Economics, US History, World History

Computer Literacy

Fine/Practical Arts (Technology Education)

Physical Education

Related Elective Courses

AP Calculus

Technology Education Classes

Manufacturing and Industrial Technology

Suggested 4 year plan

9th Grade

English 9/Adv. English 9
Algebra I/Adv Geometry
Biology/Advanced Biology
Civics/Economics
Physical Education/Health
Freshman Connections
Elective

10th Grade

English 10
Geometry/Adv Algebra II
Chemistry Concepts/Chemistry
US History
Elective
Elective
Elective

11th Grade

English 11
Algebra II/PreCalculus
Physics Concepts/Physics
World History
Pathway Related Elective
Elective
Elective

12th Grade

English 12
Math
Physics/AP Chemistry
Elective
Elective
Elective

***Bold Items are graduation requirements**

Health Sciences

Health Occupations

Audiologist
Caseworker
Certified Nursing
Dental Hygienist
Dental Laboratory

Dietician/Nutritionist
Emergency Medical Tech (EMT)
Fitness Coach
Hearing Testing Technician
Nuclear Medicine Technician

Nurse (LPN)
Pharmacist
Physical Therapist
Radiologist
Registered Nurse

Social Worker
Speech Pathologist
Sports Medicine Therapist
Ultrasound Technician

And...

Professional Plus Careers (i.e., Physician, Surgeon, Internist, etc.)

Health Sciences

Pathway Requirements

English 9,10, 11, 12

Algebra I, Geometry, Algebra II, PreCalculus

Biology, Chemistry, Physics, Human Anatomy, AP Biology, AP Chemistry

Civics/Economics, US History, World History, Psychology, Sociology

Computer Literacy

Fine/Practical Arts

Physical Education

Related Elective Courses

Foreign Language

Off-Campus Vocational Classes:

Personal Conditioning

Emergency Medical Technology & Fire Science

Child Development

Pre-Allied Health

Personal Conditioning

Personal/Family Living

Psychology

Sociology

Health Sciences

Suggested 4 year plan

9th Grade

English 9/Adv. English 9
Algebra I/Adv Geometry
Biology/Advanced Biology
Civics/Economics
Physical Education/Health
Freshman Connections
Elective

10th Grade

English 10
Geometry/Adv Algebra II
Chemistry Concepts/Chemistry
US History
Elective
Elective
Elective

11th Grade

AG&C/ACT Prep/American Lit.
Algebra II, Pre-Calculus
Physics Concepts/Physics
World History
Pathway-Related Elective (Human Anatomy)
Elective
Elective

12th Grade

Academic English
Pre-Calculus, AP Calculus
Human Anatomy/AP Biology or AP Chemistry
Pathway-Related Elective
Pathway-Related Elective
Elective

***Bold Items are graduation requirements**

Human Services

Child and Adult Care

Caseworker
Child Care Administrator
Child Care/Nursery Attendant
Cosmetologist/Barber

Day Care Assistant or Director
Early Childhood Educator
Home Care Attendant
Nursing Home Administrator

Nursing Home Worker
Pre-School Aide
Pre-School Teacher
Recreational Supervisor

Recreational Technician
Social Worker

Hospitality and Food Services

Assistant Conference Manager
Assistant Hotel/Motel Manager
Baker/Chef/Bartender
Butcher
Car Dealer

Cashier
Concierge
Conference Manager
Convention Director
Cook

Cruise/Tour Director
Executive Chef
Flight Attendant
Food Service Manager
Front Desk Manager

Home Economist
Hotel/Motel Manager
Special Events Coordinator
Tourism Director
Travel Agent

Public Safety & Protective Services

Armed Forces
Body Guard
Corrections/Prob./Parole Officer
FBI Agent

Fire Fighter
Hazardous Materials Tech
Lawyer/Judge
Officer/Police Chief

Pest Control Technician
Private Detective
Public Safety Officer
Security Director

Sheriff/Detective
State Police Commander
State Police Officer

Teaching Occupations

College Instructor/Professor
Counselor/Social Worker
Elementary Ed Teaching Asst

Elementary Teacher (K-6)
Librarian
Library Assistant

Paraprofessional
Secondary Ed. Teaching Asst
Secondary Teaching (7-12)

Special Ed. Teacher (K-12)

Human Services

Pathway Requirements

English 9,10, 11, 12

Algebra I, Geometry, Algebra II

Biology, Chemistry, Physics

Civics/Economics, US History, World History, Psychology, Sociology

Computer Literacy

Fine/Practical Arts

Physical Education

Related Elective Courses

Accounting I, II

Foreign Language

Global Issues

PreCalculus

World History

Human Services

Suggested 4 year plan

9th Grade

English 9/Adv. English 9
Algebra I/Adv Geometry
Biology/Advanced Biology
Civics/Economics
Physical Education/Health
Freshman Connections
Elective

10th Grade

English 10
Algebra II/Adv Geometry
Chemistry Concepts/Chemistry
US History
Elective
Elective
Elective

11th Grade

AG&C/ACT Prep/American Lit.
Algebra II, PreCalculus
Physics Concepts/Physics
World History
Pathway-Related Elective
Pathway-Related Elective
Elective

12th Grade

Academic English
Math
Psychology, Sociology
Pathway-Related Elective
AP Biology
Pathway-Related Elective
Elective
Elective

Natural Resources

Agri-Science

Agricultural Extension Agent
Agricultural Scientists
Agricultural Chemical Technician
Agricultural Technician
Conservation Officer

Coop Extension Service
Farm Manager
Farmer
Fish & Wildlife Specialist
Fisher Technician

Floral Designer
Forester
Garden's Manager
Grounds Keeper
Horticultural Technician

Landscape Design Tech
Landscape Gardener
Limnologist
Naturalist
Park Manager
Soil Conservationist

Natural Resources

Pathway Requirements

English 9,10, 11, 12

Algebra I, Geometry, Algebra II

Biology, Chemistry, Physics, AP Chemistry, AP Biology

Civics/Economics, US History, World History

Computer

Fine/Practical Arts

Physical Education

Related Elective Courses

Foreign Language

Global Science

Physics

Botany

Precocious

Global Issues

Related Elective Courses

Technology Education Classes

Off Campus Vocational Class

*Horticulture and Landscape Design

Natural Resources

Suggested 4 year plan

9th Grade

English 9/Adv. English 9
Algebra I/Adv Geometry
Biology/Advanced Biology
Civics/Economics
Physical Education/Health
Freshmen Connections
Elective

10th Grade

English 10
Geometry/Adv Algebra II
Chemistry Concepts/Chemistry
US History
Elective
Elective
Elective

11th Grade

AG&C/ACT Prep/American Lit.
Algebra II, PreCalculus
Physics Concepts/Physics
World History
Pathway-Related Elective
Elective
Elective

12th Grade

Academic English
PreCalculus, AP Calculus
Physics/AP Biology/AP Chemistry
Elective
Pathway-Related Elective
Pathway-Related Elective
Elective

***Bold Items are graduation requirements**

Michigan Colleges & Universities

It is the understanding of the students and staff at Eaton Rapids High School that continuing education is necessary for both Technical and professional pathway students so they can better compete in the future job market.

Upper Peninsula

Finlandia University
Michigan Tech. Univ-Houghton
Northern Michigan University
Gogebic Community College
Bay De Noc Community College
Lake Superior State University

Northern Michigan

North Central Michigan College
Alpena Community College
Kirtland Community College
Northwestern Michigan College
Baker College of Cadillac
Ferris State University
West Shore Community College
Mid Michigan
Mid Michigan Community College
Northwood University
Central Michigan University
Alma College
Great Lakes Junior College
Montcalm Community College
Delta College
Saginaw Valley State University
Baker College of Port Huron
St. Clair Community College
Baker College of Muskegon
Muskegon Community College

Lansing Area

Michigan State University
Lansing Community College
Davenport College of Business
Great Lakes Christian College
Baker College of Owosso

Grand Rapids Area

Grand Valley State University
Grand Rapids Community College
Aquinas College
Calvin College
Davenport College of Business
Grace Bible College
Cornerstone College
Kendall College of Art & Design

Ann Arbor Area

University of Michigan
Washtenaw Community College
Cleary College
Concordia College

Kalamazoo Area

Western Michigan University
Kalamazoo Valley Comm College
Davenport College of Business
Kalamazoo College
Lower Michigan
Lake Michigan College
Southwestern Michigan College
Andrews University
Glen Oaks Community College
Olivet College
Baker College-Jackson
Albion College
Kellogg Community College
Hillsdale College
Jackson Community College
Spring Arbor College
Adrian College
Sienna Heights College
Eastern Michigan University
Monroe County Comm College

Flint Area

University of Michigan-Flint
Charles S. Mott Community College
Baker College of Flint
Kettering (formerly GM)

Detroit Area

U. Michigan Dearborn
Wayne State University
Henry Ford Comm College
Macomb Comm College
Oakland C.C.-Bloomfield Hills
Schoolcraft College-Livonia
Wayne Co. Comm College
Center for Creative Studies
Detroit College for Business
Lawrence Technological Univ
Lewis College of Business
Madonna University-Livonia
Marygrove College
Sacred Heart Seminary College
University of Detroit Mercy
Walsh Coll of Acct.&B.A.-Troy
Baker College of Mt. Clemons
Rochester Area
Michigan Christian College
Oakland University
Baker College of Auburn Hills