

JOHN GLENN HIGH SCHOOL

COURSE OFFERINGS/ COURSE
DESCRIPTIONS

2023 – 2024

VPAA - Visual Performing and Applied Arts

*Art, Band, Choir, Computers, Theatre/Film, and Speech/Public Speaking

Art Explore (2 Semesters)

Open to Grades 9-12

Students will focus on creative expression while developing basic art knowledge and skills. The course will introduce students to art elements and design principles and explore mixed media and crafts art. Various mediums will be explored, including painting, printmaking, collage, ceramics, sculpture, and glasswork. Through the critique process, students evaluate and respond to their work and that of their peers. This is an active class where students can explore artistically, regardless of their current skills. All levels are welcome and equally catered to. Students may focus on personal enjoyment and creative expression in the art-making process or use this course as a bridge to focus more in-depth in a future independent study course (Portfolio/AP Studio).

**This course is repeatable.

Prerequisite: None

Honors Art Explore (2 Semesters)

Open to Grades 9-12

Students in Honors Art classes will attend the same timeslot as the regular Art Explore course but will have a more rigorous curriculum. They will complete monthly additional projects that may include contests and extracurricular activities.

**This course is repeatable.

Prerequisite: Instructor Approval

2D & 3D Art 1 (2 Semesters)

Open to Grades 9-12

Students experiment with various media and techniques to create 2-D & 3D artworks. The course will include the art elements and design principles in creating and evaluating 2D and 3D artworks. They will develop, practice, and refine skills in drawing, painting, printmaking, collage, ceramics, sculpture, digital media, and design. Through the critique process, students evaluate and respond to their work and that of their peers. This is an active class where students

can explore artistically, regardless of their current skills. All levels are welcome and equally catered to. Students may focus on personal enjoyment and creative expression in the art-making process or use this course as a bridge to focus more in-depth in a future independent study course (Portfolio/AP Studio).

****This course is repeatable.**

Prerequisite: None

Honors 2D & 3D Art 1 (2 Semesters)

Open to Grades 9-12

Students in Honors Art classes will attend the same timeslot as the regular 2D/3D course but will have a more rigorous curriculum. They will complete monthly additional projects that may include contests and extracurricular activities.

****This course is repeatable.**

Prerequisite: Instructor Approval

Portfolio Art

Portfolio is for the serious art student who shows a strong understanding of the elements of art and principles of design and who has the artistic talent and fortitude in the creation of a portfolio. This is a year-long course geared towards further developing students' skills in a specific concentration and or medium. This course prepares students for either AP or college-level art courses. Candidates must be self motivated and able to work independently following a detailed timeline.

****This course is repeatable.**

Prerequisite: prior high school art experience/Instructor Approval

Requirement: Students must be simultaneously enrolled in Art Flex (for meetings).

Concert Band

Open to Grades 9-12

2 Semesters

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

Class Activities/Responsibilities:

All performances and extra rehearsals are required.

Other responsibilities include attending any trip that occurs and pre-school marching band camp. The Marching Band performs at all home football games and St. Patrick's Day Parade.

The Concert Band performs a minimum of two concerts during the year, usually in December and May and participates in District and State Festivals, when qualified, plus graduation.

CHOIR

John Glenn Singers

Open to Grades 9-12

2 Semesters

John Glenn Singers is a beginning vocal ensemble comprised of students who specialize in two to three part primary choral music of all types. This ensemble is comprised of both male and female students. This ensemble is required for all incoming freshmen and first time choral students. Students of this ensemble receive training in basic music theory, sight-singing, and proper vocal technique. An audition is not required for this ensemble. This Choir holds required 3 performances each year. For the fall semester the John Glenn Singers perform a seasonal concert in December. During the spring semester the John Glenn singers perform at District Festival in March along with a spring concert in May. All performances and rehearsals are required for credit in this course.

Varsity Choir

Open to Grades 9-12

2 Semesters

Varsity Choir is an auditioned chorus for 16-30 men's and women's voices. This ensemble specializes in four part intermediate to advanced choral music of all types.

Acceptance into this ensemble requires previous choral/vocal experience and an audition. Students of this ensemble receive training in basic/intermediate music theory, sight singing, and proper vocal technique. This Choir holds required 3 performances each year. For the fall semester the Varsity Choir performs a seasonal concert in December. During the spring semester the Varsity Choir performs at District Festival in March along with a spring concert in May.

Traveling performances are possible with this ensemble. All performances and rehearsals are required for credit in this course.

Varsity Choir - Honors

Open to Grades 9 - 12

2 Semesters

Varsity Choir Honors within the Varsity Choir classroom setting is offered to provide students an enriched curriculum for advanced musical training. This course will encourage students to challenge themselves personally and academically while working toward independent musicianship. To ensure that students and parents understand the guidelines of this unique opportunity, a contract signed by the student and parent indicating willingness to participate in this Honors course is required.

TECHNOLOGY

Introduction to Coding and Video Game Design

Grades 9-12

1 Semester

This course is designed to give students experience in computer science. Students will create and develop computer programs, apps and video games through a variety of programming software applications.

Students will:

1. Work on teamwork and problem solving
2. Utilize web based applications
3. Utilize object-oriented programming software
4. Utilize software applications

Video Design and Graphic Arts Publication

Open to Grades 9-12

1 Semester

This is a semester course that is designed to be broken into different modules in order to give students experience in a variety of multimedia activities.

These modules will include:

1. Photography and Photo Editing
2. Video Editing and Video Broadcasting
3. Journalism and Publication
4. Podcasting and Audio Announcements

Prerequisite: None

AP Computer Science Principles (AP CSP)

Open to Grades 10 - 12

2 Semesters

Computer Science is everywhere, from our smartphones and video games to music, medicine, and much more. AP Computer Science Principles (AP CSP) can help you understand how computing and technology influence the world around you. Learn how to creatively address real-world issues while using the same tools and processes that artists, writers, computer scientists, and engineers use to bring ideas to life. AP® Computer Science Principles Code.org's Computer Science Principles (CSP) curriculum is a full-year, rigorous, entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing.

Prerequisite: Completion of Algebra I with a C or higher

Yearbook

Open to Grades 10-12

2 Semesters

Students will learn a variety of skills in relation to publishing a yearbook as well as photo editing skills to improve the overall appearance of the photos for the yearbook. This is a unique opportunity that helps capture the history of each school year in order for individuals to enjoy for many years to come.

Students will:

1. Learn photography skills to capture dynamic photos that capture the history of the school.
2. Use a variety of photo editing skills to improve the appearance of photos.

3. Utilize design skills to create yearbook spreads.
4. Utilize journalism skills to write captions and body copy.
5. Be involved in merchandising, advertising and sales in order to help positively promote the yearbook.

Prerequisite: Permission of teacher only

SPEECH/THEATRE/FILM

Drama

Open to Grades 9-12

2 Semesters

In the first semester, students will develop and refine theatrical performance skills through the rehearsal and performance processes. In the second semester, this course provides an introduction to effective speech communication and oral interpretation. Students are also furnished with opportunities designed to increase skill and confidence in interpersonal communication. Special emphasis will be placed on the oral interpretation of literature.

Prerequisite: Teacher recommendation

Film Literature

Open to Grades 9-12

2 Semesters

This class considers the role of film as a form of literature. Students discuss common life, literature and film such as parent-child relationship, prejudice, and friendship. Students will approach films critically through literary, dramatic, cinematic analysis and image/word inclusion projects. Students will further their study of film by delving into film genres such as: documentary, foreign films, historical fiction, science fiction, etc. There is also an extensive study of careers and the production aspects of film. This class is recommended for any student who enjoys viewing, analyzing and responding to films.

LANGUAGE ARTS

Academic English 9

Open to Grade 9

2 Semesters

This freshman level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for Academic English 10 and beyond. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

Prerequisite: None

This course is aligned with the Common Core as determined by the state of Michigan.

Honors English 9

Open to Grade 9

2 Semesters

This freshman level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for Honors English 10 and beyond. The development of deeper reading comprehension and critical analysis is stressed. More sophisticated writing skills are encouraged and the practical use of grammar and mechanics, in both formal and informal writing, are practiced in various assignments. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities. Students read excerpts from classic and modern day titles: plays, short stories, poetry, and novels. This class rigorously challenges students' reading, writing, communication, and analytical skills; it is designed for the above-average English student, who is capable of handling an intense workload and is college bound.

Academic English 10

Open to Grade 10

2 Semesters

This sophomore level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for Academic English 11 and beyond. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

Prerequisite: Successful completion of Academic English 9

This course is aligned with the Common Core as determined by the state of Michigan.

Honors English 10

Open to Grade 10

2 Semesters

This sophomore level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for Honors English 11 and beyond. The development of deeper reading comprehension and critical analysis is stressed. More sophisticated writing skills are encouraged and the practical use of grammar and mechanics, in both formal and informal writing, are practiced in various assignments. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student centered activities. Students read excerpts from classic and modern day titles: plays, short stories, poetry, and novels. This class rigorously challenges students' reading, writing, communication, and analytical skills; it is designed for the above average English student, who is capable of handling an intense workload and is college bound.

Prerequisite: Students must maintain a B- or better in English at the 9th grade level to be considered for Honors 10. A writing sample and teacher recommendations may be used to determine placement.

This course is aligned with the Common Core as determined by the state of Michigan.

Academic English 11

Open to Grade 11

2 Semesters

This junior level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for Academic English 12 and beyond. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

Prerequisite: Successful completion of Academic English 10

This course is aligned with the Common Core as determined by the state of Michigan.

Honors English 11

Open to Grade 11

2 Semesters

This junior level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare them for senior level English and beyond. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics, in both formal and informal writing, which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student centered activities. Students read excerpts from canonical pieces, plays, short stories, poetry, and novels. This class rigorously challenges students' reading, writing, communication, and analytical skills; it is designed for the above average English student, who is capable of handling an intense workload and is college bound.

Prerequisite: Students must demonstrate a strong understanding of English in Academic English 10, earning a B- or better. A writing sample and teacher recommendations may also be used to determine placement.

This course is aligned with the Common Core as determined by the state of Michigan.

Academic English 12

Open to Grade 12

2 Semesters

This senior level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for life after graduation. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

Prerequisite: Successful completion of Academic English 11

This course is aligned with the Common Core as determined by the state of Michigan.

Survey of Modern Literature --Year Long Course

Open to Grade 12

2 Semesters

Students are introduced to a variety of young adult topics and genres. This year long course includes social issues such as abuse, suicide awareness, the death penalty, bullying, school violence, and teen parenting while blending genres of fantasy fiction, fiction, and non-fiction throughout the year. This class focuses primarily on reading, analyzing, and discussing the topics read in class. While these themes are controversial

in nature, they are books meant and designed for young adults that increase the desire to read. Two small research projects (one per semester) will be included in this course, as students will write a paper and complete a presentation on various social issues presented within the novels. These projects will be a requirement for students to receive a passing grade. This course is aligned with the High School Content Expectations for Senior English as determined by the state of Michigan, and would be a great class for any student who enjoys reading and creative writing.

Possible Novels covered with topics/ themes:

Abusive Relationships: *Breathing Underwater*

Suicide Awareness & Depression: *Aimee*

**Mini Research Paper & Presentation done on one of these two topics; students will connect the novel to the real world

Power of One Person: *Pay it Forward*

The Death Penalty: *The Confession*

Bullying and School Violence: *Nineteen Minutes*

Teen Parenting: *The First Part Last*

**Another Mini Research Paper & Presentation-- students will choose a social issue present in one of these books to research & discuss

Final Novel: Fantasy Fiction Read: *Eyes of the Dragon*

AP Literature & Composition

Open to Grade 12

2 Semesters

This course is aligned with the ELA Common Core Standards as determined by the state of Michigan.

The Advanced Placement Literature and Composition course is designed to replace a college/university level course. As such, it will mirror what an undergraduate level English class would entail through its rigorous workload. Students will be reading, analyzing, writing and discussing on a daily basis, and learning to formulate well-developed thoughts and essays, as well as working on analysis skills. Students will also be expected to participate in class discussions, to aid with deeper understanding and idea development. Students will grow as a reader, writer, and oral communicator during the course of the school year.

Prerequisite: Students must demonstrate a strong understanding of English in Honors English 11 or Academic English 11. A writing sample and teacher recommendations are also used to determine placement.

WORLD LANGUAGE

French 2

Open to Grades 9 -12

2 Semesters

This course is a continuation of French I. Students will continue their French language study of vocabulary and basic grammar where they will continue to build their level of proficiency in speaking, reading, writing, and listening. Culture, traditions, and learning about the people of France and the Francophone World are a major part of this course. An extensive use of French will be utilized throughout classroom activities, along with an introduction to French literature. French foods and songs, along with educational games and activities are an integral part of the curriculum that help to enhance culture, language study, and retention.

Prerequisite: French 1 or recommendation of teacher

Spanish 1

Open to Grades 9 -12

2 Semesters

In Spanish 1, students are introduced to the Spanish language and achieve a beginning level proficiency in speaking, reading, writing, and listening. Cultural traditions and learning about people from Spanish-speaking countries are a major part of this course. Spanish foods and songs, along with educational games and activities, are an integral part of the curriculum that help to enhance culture, language study, and retention.

Spanish 2

Open to Grades 9 -12

2 Semesters

This course is a continuation of Spanish 1. Students will continue their language study of vocabulary and basic grammar with more emphasis on speaking, reading, and writing. Cultural traditions and learning about people from Spanish-speaking countries are a major part of this course. Spanish foods and songs, along with educational games and activities are an integral part of the curriculum that help to enhance culture, language study, and retention.

Prerequisite: Spanish 1 or recommendation of teacher

Spanish 3

Open to Grades 10-12

2 Semesters

Spanish 3 students will continue their language study of vocabulary and grammar from Spanish 2 in efforts to achieve an intermediate level of oral, written, and listening proficiency. Students will be able to create with language and participate in progressively more challenging conversations. The class is conducted as much as possible in Spanish. Students familiarize themselves with Spanish-speaking cultures, art, and literature. Spanish foods and songs, along with educational games and activities, are an integral part of the curriculum that help to enhance culture, language study, and retention.

Prerequisite: Spanish 2 or recommendation of teacher

Spanish 4

Open to Grades 10-12

2 Semesters

Spanish 4 students will continue their language study of vocabulary and grammar from Spanish 3 in efforts to achieve an increased intermediate level of oral, written, and listening proficiency. Students will be able to create with language and participate in progressively more challenging conversations. An extensive use of Spanish will be utilized throughout the classroom activities. Students will familiarize themselves with Spanish-speaking cultures, art, and literature. Spanish foods and songs, along with educational games and activities, are an integral part of the curriculum that help to enhance culture, language study, and retention.

Prerequisite: Spanish 3 or recommendation of teacher

Spanish 3 & 4 - Honors

Open to Grades 10 - 12

2 Semesters

Spanish 3 & 4 Honors within the Spanish 3 or 4 classroom setting is offered to provide students an enriched curriculum for advanced language acquisition. This course will encourage students to challenge themselves personally and academically while working toward proficiency in the Spanish language. To ensure that students and parents understand the guidelines of this unique opportunity, a contract signed by the student and parent indicating willingness to participate in this Honors course is required.

LIFE SKILLS

L.S. English 9

Open to Special Education Students

2 Semesters

This freshman level life skills class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for L.S. English 10 and beyond. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

Prerequisite: None

This course is aligned with the Common Core as determined by the state of Michigan.

L.S. English 10

Open to Special Education Students

2 Semesters

This sophomore level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for L.S. English 11 and beyond. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

Prerequisite: Successful completion of L.S. English 9

This course is aligned with the Common Core as determined by the state of Michigan.

L.S. English 11

Open to Special Education Students in Grades 11 - 12

2 Semesters

This junior/senior level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for L.S. English 12 and beyond. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

This course is aligned with the Common Core as determined by the state of Michigan.

L.S. English 12

Open to Special Education Students in Grades 11 -12

2 Semesters

This junior/senior level class emphasizes higher-level thinking, reading for information, writing and communication skills to best prepare students for life after graduation. The development of deeper reading comprehension and critical analysis are stressed, as are more sophisticated writing skills incorporating the practical use of grammar and mechanics in both formal and informal writing which include a variety of essays. Students also utilize technology as they learn and practice effective researching strategies, as well as participate in student-centered activities.

This course is aligned with the Common Core as determined by the state of Michigan.

Atmosphere, History of Earth, and Human Activity and Earth. Emphasis will be placed on mastery of the Disciplinary Core Ideas and Science and Engineering Practices outlined in the Earth Science portion of the NGSS curriculum document. Earth Science is an elective and counts toward students' 3rd year of science in the Michigan Merit Curriculum for graduation.

L.S. SOCIAL STUDIES

L.S. Economics

Open to Grades 11-12

1 Semester

This class is designed to introduce students to some of the basic concepts needed in our modern world economy. We will look at what motivates basic economic activities and how these activities, when taken together, impact our economy. We will discuss such basic concepts as scarcity, supply and demand, and the effect of governmental policies on the economy.

**** Graduation requirement**

L.S. MATHEMATICS

L.S. Algebra

Open to Grades 9-12

2 Semesters

Students will study linear and exponential equations and functions. They will use linear regression and perform data analysis. They will also learn about geometry topics such as simple proofs, similarity, trigonometry, circles and three-dimensional figures.

This course is aligned with the current Michigan High School Content Expectations.

Prerequisite: Successful completion of Pre-algebra

Prerequisite: Successful completion of LS Integrated I or Algebra 1

MATHEMATICS

Algebra 1

Open to Grades 9/10

2 Semesters

This first year algebra course challenges students to develop a better conceptual understanding of the structure of algebra and stronger problem-solving skills. Students will be actively involved in taking connections among different branches of mathematics and solving real-life problems. By the nature of algebra, mastery of many of the techniques in the course is a prerequisite for higher-level math and science courses. This course is aligned with the current Common Core State Standards.

Prerequisite: Successful completion of Pre-Algebra 1

Geometry

Open to Grades 10/11

2 Semesters

This course is designed to help students discover, learn, and apply geometry. Students will be challenged to make connections from concrete examples to abstract concepts. Students will have plenty of opportunities to review and use algebra concepts while studying geometry. In this course, students will study two and three dimensional figures, area and volume, right triangle trigonometry, and geometry in the coordinate plane. The main emphasis of the course is to help students organize thoughts and solve mathematical problems while preparing them for further study in mathematics and science. This course is aligned with the current Common Core State Standards.

Prerequisite: Successful completion of Algebra 1

Honors Geometry

Open to Grades 9/10

2 Semesters

This course is designed for students who are highly interested in mathematics. This course primarily consists of geometry topics including a rigorous study of deductive proof, coordinate geometry, and the study of two dimensional figures. Emphasis is placed upon reasoning and problem solving skills gained through study of similarity, areas, volumes, circles, and coordinate geometry. Algebra 1 topics are used extensively and a thorough knowledge of linear equations, factoring and solving systems of equations is expected.

Prerequisite: Teacher recommendation and a B or higher in Algebra 1.

Algebra 2

Open to Grades 10 - 12

2 Semesters

Advanced Algebra is the framework for all higher level mathematics. It is extremely useful in nearly every aspect of life including, but not limited to, science, business, communications, engineering, computers, electronics, medicine, music, and biology. Our study of advanced algebra will develop skills in reasoning, problem analysis and problem solving. Students who master advanced algebra will gain experience with algebraic solutions of problems in various content areas, including the solution to linear equations, systems of equations, quadratic equations, logarithmic and exponential functions, trigonometric functions and the complex number system. In addition to the algebra objectives, students will be exposed to various statistical concepts including the normal distribution. This course is aligned with the current Common Core State Standards.

Prerequisite: Successful completion of Geometry and Algebra 1.

Honors Algebra 2

Open to Grades 10 - 12

2 Semesters

This course builds on Algebra I, while integrating geometry and trigonometry. Matrices, sequences, conics, and logarithms are introduced, along with more involved analysis of functions and equations. Applications will be made to many occupations, using concepts such as right triangle trigonometry, complex numbers, standard deviation, and normal distributions. Students will use graphing calculators to help them visualize these concepts. This is an accelerated algebra course intended for students who have a high degree of ability and interest. The usual topics of Algebra II are treated, along with topics in Probability, Mathematical Modeling, Data Analysis and Trigonometry. One of the goals of this course is to move students to a more independent learning style. There is emphasis on integrating skills and procedures with the logical thinking needed in solving the more challenging problem. This course is aligned with the current Common Core State Standards.

Prerequisite: Teacher recommendation, successful completion of Honors Geometry, or a B or higher in Geometry.

Business Math

Open to Grade 12

2 Semesters

This course takes a look at how you may use business mathematics in your home and your career. Strengthening and refining coverage throughout, the course encompasses all areas of business mathematics—beginning with skill-building sections on whole numbers and decimals; guiding students through fractions, percents, statistics, and equations; then easing them into the specifics of business-related mathematics applications with discussions on payroll, discounts, markup/markdown, interest, credit and more.

Students who are enrolled in both semesters and maintain an average of B or higher for both semesters will earn 3 Delta College credits in Management 110.

Elementary Statistics

Open to Grades 11 - 12

2 Semesters

This course is offered with the intent of exposing students to student-friendly uses of statistics and not just the computation of its myriad of formulas. The course offers a variety of features all of which are designed to show students how statistics is used to picture and describe the world and to show students that statistics is used to make informed decisions. The course offers a balance between computation, decision-making, and conceptual understanding. Students will not only be asked to construct graphs, charts, and plots, but will be asked to use their constructions to write explanations, find patterns, and make decisions. Statistics contain many formulas and variables, including radicals, summation

notation, Greek letters, and subscripts. Some familiarity with algebra and evaluation of algebraic expressions are necessary. The course is designed to produce informed consumers of statistical reports, not statisticians.

Prerequisite: Successful completion of Algebra 1, Geometry, and Algebra 2

Pre-Calculus

2 Semesters

Pre-Calculus lays the foundation for taking higher-level math and science courses as students solidify their understanding of fundamental concepts of algebra, trigonometry and analytical geometry. Students will explore the following function types from a calculus perspective: power, polynomial, rational, exponential, logarithmic and trigonometric. Sequences and series, conic sections and beginning calculus concepts (limits & derivatives) are also explored. Throughout the course, students will develop their procedural and symbolic fluency, explore multiple representations, and thoroughly communicate their reasoning. The course will combine technology as well as “paper and pencil” instructional methods to provide a comprehensive approach to exploring and learning course material.

Honors Pre-Calculus

Open to Grades 11 -12

2 Semesters

This course is designed to help students to truly understand the fundamental concepts of algebra, trigonometry, and analytical geometry. This course also will show how algebra and trigonometry can be used to model real-life problems. The course combines appropriate use of technology as well as “paper and pencil” analytical techniques to provide a balanced approach to the study of pre-calculus. The course encourages graphical, numerical, and algebraic modeling of functions as well as problem solving and conceptual understanding.

Prerequisite: Teacher recommendation, successful completion of Honors Algebra 2, or a B or higher in Algebra 2.

AP Calculus

Open to Grades 11-12

2 Semesters

The topics of instruction in AP Calculus AB focus on differential and integral calculus including: functions, graphs and limits, derivatives, and integrals. Problems are explored from multiple viewpoints including, algebraic, numerical, and graphical. Problem solving is developed throughout the course with an emphasis on practical applications and interpretation of solutions. Students have the opportunity to take the Advanced Placement

Calculus AB Examination for possible college credit. Graphing calculators are required for the AP tests.

Prerequisite: Successful completion of Pre-Calculus

PHYSICAL EDUCATION

Fitness

Open to Grade 9

1 Semester

Fitness is a one semester course of physical education. This is a required class for graduation from John Glenn High School. Students are required to dress and participate each day. Fitness is usually taken in the freshman year of high school. Students will learn a wide variety of strategies to attain and maintain personal health and fitness. Students will engage in classroom as well as physical activities in the fitness center, gymnasium, pool, and outdoor athletic facilities. This course is aligned with the High School Content Expectations as determined by the state of Michigan.

Health

Open to Grade 9

1 Semester

This one semester required course will enable students to become better informed about the care and maintenance of their personal health. Students will become more knowledgeable regarding the effects of alcohol, tobacco, and drugs on the human body. A unit on human sexuality and reproduction will also be included.

This course is aligned with the High School Content Expectations as determined by the state of Michigan.

Recreation

Open to Grades 11-12

1 - 2 Semesters

The recreation course is designed to meet the activity needs of our students and to expose them to various activity areas that will help develop positive leisure time interests. Field trips are offered in each semester. These co-educational classes stress individual and team sports which will enhance physical and social wellness.

Prerequisite: Successful completion of Fitness with a grade of C-or better

This course is aligned with the High School Content Expectations as determined by the state of Michigan

Strength & Physical Conditioning Skills

Open to Grades 10-12

1 - 2 Semesters

This class will emphasize strength and conditioning development used in sports and other strenuous activities. Students must be prepared to be engaged in intensive physical workouts each day. This course is aligned with the High School Content Expectations as determined by the state of Michigan.

Prerequisite: Successful completion of Fitness

Advanced Strength & Physical Conditioning Skills

Open to Grades 10 - 12 (Grades 10 and 11 given priority)

1 - 2 Semesters

This is a high intensity physical education course. It uses explosive type weight training, running, plyometric jumping drills, calisthenics, speed training, etc. and some sports to achieve a competitive athlete's level of physical conditioning, which will lead to a healthier lifestyle.

Prerequisite: Application and teacher recommendation necessary

SCIENCE

Academic Earth Science

Open to Grade 9

2 Semesters

Earth Science is the study of the Earth's landforms, history, water, atmosphere, human impact, and the universe. This course is composed of 11 units that are connected to the Michigan High School Curriculum Standards and Next Generation Science Standards. The units include: Introduction to Earth and Space, Systems of Matter and Energy, Natural Resources, Earth in the Solar System, Space, Plate Tectonics, Earth's Changing Surface, Earth's Water, The Atmosphere, History of Earth, and Human Activity and Earth. Emphasis will be placed on mastery of the Disciplinary Core Ideas and Science and Engineering Practices outlined in the Earth Science portion of the NGSS curriculum document. This course is highly recommended for preparation for the MSTEP, ACT, and college prep.

Prerequisite: Completion of Eighth grade science with a D- or better, OR teacher recommendation.

Honors Earth Science

Open to Grade 9

2 Semesters

Earth Science is the study of the Earth's landforms, history, water, atmosphere, human impact, and the universe. Honors Earth Science is composed of 11 units that are connected to the Michigan High School Curriculum Standards and Next Generation Science Standards. The units include: Introduction to Earth and Space, Systems of Matter and Energy, Natural Resources, Earth in the Solar System, Space, Plate Tectonics, Earth's Changing Surface, Earth's Water, The Atmosphere, History of Earth, and Human Activity and Earth. Emphasis will be placed on mastery of the Disciplinary Core Ideas, Science and Engineering Practices, and Crosscutting Concepts outlined in the Earth Science portion of the NGSS curriculum document. This course is recommended for College-Prep students planning to pursue a degree in any science field.

Prerequisite: Completion of Eighth grade science with an A- or better, OR completion of Honors Eighth grade science with a B or better, AND teacher recommendation. (Other factors may also be considered; NWEA, PSAT, MSTEP, etc) *Placement in this course is based on academic preparation and space available*

Academic Biology

Open to Grade 10

2 Semesters

Academic Biology is the study of life. It deals with the structure and function of living organisms. The study of life is evaluated from the molecular level to the cellular level all the way up to the ecological level looking at complex interconnected relationships in living communities. There are 10 Units designed around the Next Generation Science Standards that include: Living Systems, Chemistry in Living Systems, Matter and Energy in Living Systems, Ecosystems, Cells, Structure and Function of DNA, Genetics and Heredity, Evidence for Evolution, Patterns of Evolution, and Human Impacts on the Environment. This course fulfills the one year state requirement for Biology.

Prerequisite: Completion of Honors/Academic Earth Science with D- or better, OR teacher recommendation.

Honors Biology

Open to Grades 9 -10

2 Semesters

Honors Biology is the study of life and deals with the structure and function of living organisms from the molecular and cellular level to the complex organization of organisms.

The course is divided into 5 basic units derived from 19 chapters directly connected to the Michigan High School Curriculum Standards and Next Generation Science Standards. These units are: Introduction to Biology and Biochemistry, Ecology, Cell Anatomy and Physiology, Heredity and Genetics, and Evolution. This course fulfills the one year state requirement for Biology. Emphasis will be placed on mastery of the Michigan Science Content Standards for Biology. Additional rigor and a culminating final project will be an integral part of this Honors Course.

Prerequisite: Completion of Academic Earth Science with an A- or better, OR Completion of Honors Earth Science with a B or better, AND teacher recommendation. *Placement in this course is based on academic preparation and space available*

AP Biology

Open to Grades 10 - 12 (preference will be given to grades 11 - 12) 2 Semesters

AP Biology is equivalent to a two-semester college introductory biology course. The course will be broken into 12 advanced units. They are Biochemistry, Cell Structure, Metabolism, Cell Reproduction, Genetics, Evolution, Phylogony, Microbia and Plants, Animal Systems, Hormones, Ecology, and Conservation. Students who take an AP Biology course will also develop advanced inquiry and reasoning skills such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts across domains. The result will be readiness for the study of advanced topics in subsequent college courses. Students will also be offered the opportunity after successfully completing the course to take the AP Exam to earn college credit.

Prerequisite: Students must have completed Academic Biology or Honors Biology with an A- or better to enter this course. If a student has not completed Academic Biology he/she must successfully complete an Honors Application which must contain recommendations from only Academic or Honors level teachers (1 in science, 1 in math, and 1 in ELA).

Placement in this course is based on academic preparation and space available

Chemistry

Open to Grades 11-12 2 Semesters

This course introduces the basic principles of Chemistry and is being revised to align with the new "Next Generation Science Standards". Currently the course is divided into units that include: Matter and Change, Scientific Measurement, Atomic Structure, Electrons in Atoms, The Periodic Table, Chemical Bonding, Chemical Names and Formulas, Molar Quantities,

Chemical Reactions, Stoichiometry, and Behavior of Gases. This course fulfills the one year state requirement for Chemistry. Emphasis will be placed on mastery of the Essential Science Content Standards for Chemistry.

Prerequisite: Earned credit in Biology and Algebra I or currently enrolled in these courses.

Academic Chemistry

Open to Grades 11-12

2 Semesters

This course introduces the basic principles of Chemistry and is being revised to align with the new "Next Generation Science Standards". Currently the course is divided into units that include: Matter and Change, Measurements and Calculations, Atomic Structure, Molar Quantities, Arrangement of Electrons in Atoms, The Periodic Table, Chemical Bonding, Chemical Nomenclature and Formulas, Chemical Reactions, Stoichiometry, Behavior of Gases, and Acids and Bases. This course fulfills the one year state requirement for Chemistry and is highly recommended for College-Prep students. Emphasis will be placed on mastery of the Essential and Recommended Science Content Standards for Chemistry.

Prerequisite: Completion of Academic Biology with D or better, OR teacher recommendation. Students must have also earned math credit in Algebra I and Geometry.

Honors Chemistry

Open to Grades 10-12

2 Semesters

This course introduces the basic principles of Chemistry and is being revised to align with the new "Next Generation Science Standards". The course is divided into units that include: Matter and Change, Measurements and Calculations, Atomic Structure, Molar Quantities, Arrangement of Electrons in Atoms, The Periodic Table, Chemical Bonding, Chemical Nomenclature and Formulas, Chemical Reactions, Stoichiometry, Behavior of Gases, Solutions, Acids and Bases, and Thermochemistry. This course fulfills the one year state requirement for Chemistry and is highly recommended for College-Prep students planning to pursue a degree in medicine or any science field. Emphasis will be placed on mastery of the Essential and Recommended Science Content Standards for Chemistry.

Prerequisites: Completion of Academic Biology with an A- or better, OR Completion of Honors Biology with a B or better, AND teacher recommendation. Students must have also earned math credit in Algebra I, Geometry, and Algebra II. *Placement in this course is based on academic preparation and space available*

Physics

Open to Grades 11-12

2 Semesters

This course introduces the basic principles of Physics. The course is divided into eight units with twenty individual topics that are aligned with the Michigan High School Curriculum Standard and the Next Generation Science Standards. It gives a scientific approach to learning Physics with a minimal amount of math concepts. Real world applications are stressed throughout the course with an emphasis on discovery lab activities or actual building of learned concepts. This course will fulfill the state requirement of one year of Physics. Emphasis will be placed on mastery of the Essential, and Core Science Content Standards for Physics.

Prerequisite: Earned credit in Biology and Algebra I or currently enrolled in these courses.

Michigan Wildlife

Open to Grades 11-12

1 Semester

Students will study the plants, organisms, insects, animals, and ecologies of different natural Michigan habitats. Other topics include endangered species, invasive species, pollution, tracking, hunting, fishing, and conservation. The class will involve several laboratory exercises, collecting specimens, and field trips. The class will occasionally require time outside of the normal school hours. Some concepts are aligned with the State of Michigan Science Content Standards for Biology.

Prerequisite: Credit earned in Biology AND Chemistry or Physics, OR teacher recommendation.

Agricultural Science

Open to Grades 11-12

1 Semester

This course will introduce students to the basic world of agriculture. The course will include the history of agriculture, the study of plant agriculture, and the future of agriculture with an emphasis on organic farming and genetic engineering. Some concepts are aligned with the State of Michigan Science Content Standards for Biology within the Agricultural Curriculum.

Prerequisite: Credit earned in Biology AND Chemistry or Physics, OR teacher recommendation.

Zoology

Open to Grades 11 -12 on rotating basis

2 Semesters

Zoology is a survey of the Animal Kingdom. Zoology is divided into nine units directly connected to the Michigan High School Curriculum Standards and Next Generation Science

Standards. The units included are: Introduction to Animals, Simple Invertebrates, Mollusks and Annelids, Arthropods and Echinoderms, Fishes and Amphibians, Reptiles and Birds, Mammals, and the course will end with Animal Behavior. Emphasis will be placed on mastery of the Michigan Science Content Standards for Biology within the Zoology curriculum. This course will not require multiple dissections.

Prerequisites: Completion of Academic Biology, Honors Biology, or AP Biology.

SOCIAL STUDIES

Economics

Open to Grades 11 - 12

1 Semester

This class is designed to introduce students to some of the basic concepts needed in our modern world economy. We will look at what motivates basic economic activities and how these activities, when taken together, impact our economy. We will discuss such basic concepts as scarcity, supply and demand as well as look at the effect of governmental policies on the economy.

*** Graduation requirement*

Civics

Open to Grades 11 - 12

1 Semester

The purpose of Civics is to better understand our American form of government. To develop this understanding we will explore basic ideas such as separation of powers, social contract, and checks & balances that guided our founding fathers in establishing our form of government. We will compare our system with other forms of government, as well as look at the relationships between local, state and federal governments. Citizen participation will be emphasized. Also, the expanding role of the Federal Government and the Executive Branch in particular will be investigated and debated.

***Graduation Requirement*

AP Government and Politics

Open to Grades 11 - 12

2 Semesters

Advanced Placement Government and Politics is a college level course for highly motivated students. The course is an introductory study of the U.S. government and political system. The course includes in depth reading, discussion, lecture, writing, and research. Topics will include Constitutional Underpinnings, Institutions, Civil Rights and

Civil Liberties, Political Beliefs, Political Parties, Mass Media, and Interest groups, and Public Policy.

Note: (Economics is still a requirement for graduation; course can be taking in classroom setting or E2020 setting)

Academic United States History 1890-Present

Open to Grades 10-12

2 Semesters

This course is designed as a 10th grade graduation requirement. The purpose of United States History is to look at significant events, people, themes, and outcomes as they impacted the United States from the latter nineteenth century to the present. Students will identify the institutions that have made our nation great and gain an understanding of their country, its ideals, and the progress made toward achieving its goals. The students will begin to develop persuasive writing skills and an understanding of the Social Studies Core Democratic Values as they apply to the Michigan Merit Curriculum.

***Graduation Requirement*

Honors United States History 1890-Present

Open to Grades 10-12

2 Semesters

Honors United States History will include the course objectives from Academic United States History presented in a more rigorous college bound approach. This approach will include more in-depth reading and writing activities to further enhance the students' higher level thinking skills. Students will be expected to apply for entry into the class.

Prerequisite: Teacher Recommendation

***Also fulfills the Graduation Requirement*

Practical Law

Open to Grades 11-12

1 Semester

This course will provide students with an understanding of their legal rights and responsibilities, knowledge of everyday legal problems, and the ability to analyze, evaluate, and in some cases, resolve legal disputes.

Consumer Education

Open to Grades 11-12

1 Semester

This course will examine the factors involved in consumer spending, consumer protection and consumer education. More specifically, the course will deal with such

everyday problems as the use of credit, budgeting of income, making wise and safe purchases, filing income tax returns, understanding financial security, pensions and retirement plans, life insurance, health insurance, buying a home, buying a car and investing money. Also, this course will explore some basic attitudes, desires and misconceptions which people hold that help determine their success or failure as consumers.

Academic World History 1 & 2

Open to Grades 9-12

2 Semesters

Academic World History is designed to provide students with a study of the people and civilizations of the world from the dawn of man through the modern era. This class is suggested for all college bound students. Discussion will include both the physical and social development of the world and increase students' understanding of the interdependence of global cultures. International and civil conflicts, the development of world religions, characteristics of civilizations and types of governments, cultural diffusion, comparison of Eastern and Western cultures and history's impact on the world today will all be explored in a survey format. Exploration of the economic, social, and political changes that led the world from some of the greatest civilizations through the darkest period of European history and back again to the Renaissance will lead students to discussion of world revolutions and the development of the United States. Literacy activities, map skills, persuasive and informational writing, summarizing, note taking, and annotated reading of a variety of sources will be utilized. This course is intended to give students an overview of the development and continuing evolution of our world.

***Graduation requirement*

Honors World History 1 & 2

Open to Grades 9-12

2 Semesters

Honors World History I and 2 will follow the course objectives from Academic World History I and 2 in a more rigorous college bound approach. This honors curriculum will include more in-depth reading and writing activities designed to enhance the students' higher level thinking skills such as reading and interpreting primary source documents, completion of a novel depicting a time period from the course and advanced essays and theme papers. Students will be expected to apply for entry into Honors World History using the application process specified through the counseling department.

Prerequisite: Teacher Recommendation

Introduction to Psychology

Open to Grades 11-12

1 Semester

This course is designed as an introduction to the social science of Psychology in a survey format. It is recommended for college bound students. Topics to be explored will include an understanding of psychological methods, basic and applied science, vocabulary and terminology, founders and contributors to the field and classical theories as well as current trends in the study of Psychology. The course will be divided into three main areas of study including: Introduction to Psychology, Developmental Psychology and the Life Span and Individual Personality Development and Altered States of Consciousness. The course develops Psychology as a behavioral science and will include an exploration of community resources, annotated reading of a variety of text types, persuasive and informative writing and group interaction.

Social Psychology

Open to Grades 11-12

1 Semester

This course is designed to further explore the field of Psychology with an emphasis on how and why humans interact with one another, form interdependencies, create groups and cliques, develop prejudices, influence behaviors, and develop and treat psychological disorders. Social institutions, social organizations and social problems will also be discussed. This course is intended as a continuation of the concepts developed in Introduction to Psychology and will be conducted in a survey format. It is encouraged for college bound students.

World War II/Holocaust

Open to Grades 10-12

1 - 2 Semesters

This course is offered with the intent of examining World War II and the Holocaust from a global perspective. The events and consequences of World War II and the Holocaust forever changed the face of the world in the Twentieth Century. The events that led to the outbreak of World War II, the specific theaters of war, major players, battles, weapons and eventual outcomes will be identified and researched. The course is intended to give students an overview of political, economic and social conditions that existed, and resulted from the war. The Holocaust will be studied from perspectives that include: perpetrators, victims, resistance movement, survivors and bystanders. Holocaust materials utilized include primary documents, artifacts, films, literature, art, music and first person accounts. This course covers the Michigan High School content expectations for history.

Current Events

Open to Grades 9-12

1 - 2 Semesters

Current Events and careers is a full year course structured to give students an understanding of current issues in many areas of a political, social, and economic nature.

The course emphasizes research done by the student since the topics chosen are very fluid in their nature, meaning that the topics and the amount of coverage on the topics will fluctuate on any given day, week, or month depending on topics current in the media. There will be no textbook for the class. All information will be taken from newspapers, magazines, internet, television reports, and a variety of other sources.

AP United States History (APUSH)

Open to Grades 11-12

2 Semesters

Advanced Placement United States History (APUSH) is a yearlong exploration of American History from 1492 to the present. The course follows the College Board requirements and college credit can be earned with a passing score on the national exam at the end of the school year. This course requires extensive reading and interpretation skills of primary and secondary historical documents. The course is also writing intensive with mastery of short answer questions, long essay questions, and documents based questions. The course is divided into nine time periods over the year.

Flex Classes

(Offered 48 minutes a day during a three day period. Courses will be CR/NCR).

Extended E2020

Open to Grades 9 - 12

1 - 2 Semesters

This class is intended to be for students who are actively in credit recovery. This course will focus on students working on additional E2020 courses needed to be completed for graduation requirements. Preference will be given to juniors and seniors.

Prerequisites: Must be currently enrolled in an E2020 course as part of the student's regular schedule unless approved by teacher and counselor. Student needs to be in credit recovery and referred by a counselor. Students may not be enrolled in flex block if they are on track for graduation and seeking elective credit.

Process/Competitive Theatre

Open to Grades 9 - 12

2 Semesters

The purpose of this performance class is to acquaint students to the competitive theatre events and allow them opportunities to read, analyze, rehearse, perform and respond through peer criticism and teacher evaluation.

1. The various types of the competitive Thespian and Michigan Interscholastics Forensics Association events through classroom participation and performance. Students will learn the fourteen different types of forensics events within the classroom setting and then apply those concepts in tournament competition throughout the year. Students will be required to do literary and original research, written analysis, rehearsal and performance.
2. The exploration of the Michigan Educational Theatre Association Thespian Festival through research, preparation, and rehearsal for: performances, workshops, individual performance, technical theatre, film-making events, scholarship auditions, main stage performances, and interviews by college representatives throughout Michigan and beyond.
3. The Michigan Interscholastics Forensics Association Theatre competition where students will participate in Main Stage or Studio Competitions. This class will explore play production in depth through application and public performance. Students will become skilled in all aspects of theatre including: performance, set **design, lighting and sound design, costuming, make-up, properties, publicity and management.**

This class will give students the opportunity to:

1. Develop efficient research skills through effective use of the media center by finding materials for competition.
2. Demonstrate an understanding of the fourteen forensics events.
3. Make sound arguments using logic and reasoning needed for the public speaking events.
4. Edit and cut dramatic pieces efficiently and effectively to maintain a coherent storyline within time limits.
5. Demonstrate organization and signposting skills for public speaking.

6. Adapt delivery style after observing and analyzing judge feedback and response.
7. Develop a working knowledge of current affairs for public speaking.
8. Keep a weekly organized portfolio of materials, activities and peer critiques and performances.
9. Keep an open mind to peer and instructor constructive criticism.'
10. Develop communication skills which emphasize fluency, persuasion and dramatic intent.

Prerequisites: Students should intend to participate in the MIFA Theatre competition

(One-Acts), MIFA Forensics Competition, National Thespians Competition and the National Forensics League competition. They do not need to have previous experience to participate in this class.

Seminar

Open to Grades 9 - 12

1 - 2 Semesters

Seminar will provide students the opportunity to complete homework assignments; projects; make-up tests/quizzes etc. Students may receive extra academic support or may visit another teacher who is teaching Seminar during the same Flex Block with the permission of receiving teacher.

Prerequisite: None

Strength Flex

Open to Grades 9 - 11

1 – 2 Semesters

This course is designed to improve the athlete's knowledge and physical capabilities. Specific drills, concepts, weight training, speed training, core training, conditioning, and other sports/activities will be used to lead to a healthier lifestyle and increase speed, endurance, and strength.

Prerequisites: Athletes Given Priority and Must Have 1 Letter of Recommendation

Recovery/Optional Core Plus Courses

E2020/Edgenuity

1-2 Semesters

Open to grades *11-12,

**limited placement for 9-10 (teacher discretion)*

E2020/EDGENUITY Credit Recovery is a program designed to allow students to fulfill graduation requirements. Credit Recovery is traditionally defined as a way to “recover” credit for a course that a student was previously unsuccessful in earning credit towards graduation. The purpose of this program is to assist students in staying on track for graduation. Students enrolled in the program are required to take courses for Credit Recovery (*not Initial Credit*) in the Core and Core Plus areas.

** Entrance to Edgenuity is determined by the counselor and classroom teachers. Some considerations include:

- Grade in School (seniors needing to Graduate have priority).
- Previous “E” grade in the same course, for at least one full Semester.

Work-Based Learning

Work-Based Learning

Open to Grades 11 - 12

1 - 2 Semesters

Work-Based Learning is a school-to-work program that involves the schools, students, parents/guardians, and the business community. It matches a student’s class work and career interests with work-site based learning opportunities. The Work-Based Learning Program is not a job placement service; it is an enrollment program which enables students to receive training/career exploration and supervised work experience under paid/unpaid employment conditions, while also continuing their academic studies.

Dual Enrollment

Dual Enrollment

Open to Grades 11-12 (limited basis to 10th graders)

1 - 2 Semesters

An option for eligible students, which provides school district payment for tuition and books based on state portions of the district's foundation allowance. Students are responsible for their own transportation.

Dual Enrollment allows students the opportunity to earn college credit while attending high school.

Note: Not all colleges/universities accept dual enrollment credit. Parents/students should check with colleges they might want to attend to determine the status of dual enrollment classes.

Early Middle College

Early Middle College

Open to Grades 11 - 12

1-2 Semesters

The Early/Middle College (EMC) in Bangor Township Schools gives students an opportunity to earn 30 college credits that satisfy the Michigan Transfer Agreement, an associate's degree, or a career certificate along with their high school diploma. Students will be able to save both time and money as they pursue a college degree, and they will have an additional year of high school (13th grade attending college full time) to complete their college program at Delta College or Davenport University. Students can only enter the EMC in their junior year. All classes and fees are paid for by the school district. The only thing the student or family is responsible for is transportation and parking. The EMC is a partnership with our local intermediate school district (BAISD), and college classes will be offered at the BAISD Career Center, the Delta College Planetarium, and on the campuses of Delta College and Davenport University.

Students can also choose to take online classes as well. A student entering the EMC will be taking some classes at JGHS and/or the career center and some at the college level during their junior and senior years. If they choose to continue on for a 13th year, all their classes will be at Delta College or Davenport University. There are four potential tracks for students who wish to attend the EMC: (1) a career center student who wants to gain some college credit while also graduating with a certificate in their given trade, (2) a career center student who does not want a certificate in their trade, but wants to gain college credit, (3) a non career center student who would like to get the 30 college transfer credits that will transfer to any college or university in Michigan, or (4) a student who wants to receive an Associate's Degree. For a detailed description of any or all of

these tracks, students and parents should schedule an appointment with the College and Career Advisor at JGHS.

Students who consider the EMC must be hard working, motivated, and up for the challenge to perform successfully at the college level. In addition to the college coursework, students must successfully complete all of the requirements of the Michigan Merit Curriculum. Complete support and wrap around support services will be provided for students while they are in the EMC program.