



EASTRIDGE HIGH SCHOOL
PROGRAM OF
STUDIES
2024-2025



**EAST IRONDEQUOIT CENTRAL SCHOOL DISTRICT
EASTRIDGE HIGH SCHOOL**

2024 - 2025 PROGRAM OF STUDIES



BUILDING A FUTURE...ONE STUDENT AT A TIME

Eastridge High School
2350 East Ridge Road
Rochester, NY 14622
339-1450

David Dunn, Interim Principal

Doreen Goossen, Director of Counseling
10th-12th grade students with last names J-L

Timothy Baker, 9th Grade Assistant Principal
Jenna Rauh - School Counselor
All 9th Grade Students

Redia Bridges, Assistant Principal
Kathleen Healy, School Counselor
Students 10-12 with last names A-I

Sean Costello, Assistant Principal
John Haag, School Counselor
Students 10-12 with last names M-Z

Kyle Vacanti, Director of Athletics

Mary E. Grow, Superintendent of Schools
Mark Anson, Assistant Superintendent for Instruction

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Note to students:

Courses offered will be taught only if there is sufficient student enrollment.

Please talk with your counselor for additions or corrections to this guide.

RIGHT TO FAIR TREATMENT

The East Irondequoit Central School District hereby advises students, parents, employees and the general public that it offers employment and educational opportunities, including vocational education opportunities, without regard to military status, sexual orientation, race, color, religion, national origin, political affiliation, marital status, ancestry, age, disability or any other status protected by law. Inquiries regarding this nondiscrimination policy may be directed to Title IX and Section 504 Coordinator.

DIPLOMA REQUIREMENTS

To graduate from Eastridge High School, a student must meet all of the requirements specified in the regulations of New York State, including successful completion of all required Regents exams, as well as the graduation requirements of the East Irondequoit Central School District.

	Regents Diploma	Regents Diploma with Advanced Designation
English	4 credits	4 credits
Social Studies	4 credits	4 credits
Mathematics	*3 credits	*3 credits
Science	*3 credits	*3 credits
Art/Music	1 credit	1 credit
Health	1/2 credit	1/2 credit
Physical Education	2 credits	2 credits
World Languages	**1 credit	**3 credits
Electives	3 1/2 credits *** 3 credits	1 1/2 credits *** 1 credit
Personal Finance I	*** 1/2 credit	*** 1/2 credit
Total Credits	22 credits	22 credits

* Students at Eastridge High School are expected to take a math/science course each year

**Students may substitute a 5-unit concentration in Art, Business, Performing Arts, Technology or Music

*** Beginning with the Class of 2026, all students will be required to earn a credit in Personal Finance I in order to graduate. This course will fulfill a 1/2 credit of elective credits.

In order for students to proceed to the next grade level, the following number of credits are required:

Grade 10	5 Credits
Grade 11	10 Credits
Grade 12	Student MUST be on track to graduate in June of grade 12

If these credit requirements are not met, the student will not be promoted to the next grade level

Regents Diploma	Regents Diploma with Advanced Designation
Students must earn a minimum of 65% on the five required Regents exams: ELA, Global, US, Math, Science	Students must earn a minimum of 65% on the five required Regents exams: ELA, Global, US, Math, Science, plus one additional Science exam, two Math exams, and World Languages

COUNSELING INFORMATION

COUNSELING DEPARTMENT

Ninth grade students are assigned a dedicated counselor to assist with transitioning to high school successfully. Students in grades 10-12, are assigned a counselor alphabetically. Students and parents are encouraged to contact counselors with any questions or concerns by scheduling an appointment in the Counseling Center. The Counseling Center is open between 7:30 a.m. and 3:30 p.m.

Each year the counselors work closely with students to help make their high school experience rewarding and successful. Counselors meet with students both individually and in groups to provide extensive guidance and academic support. A variety of programs are also provided to assist students with the development of career and college goals.

SCHOOLINKS

Schoolinks is a web-based, school counseling program. Students will be working with the Schoolinks program beginning in ninth grade, with career research, and will continue with college research and the college application process. Students and parents can access Schoolinks by logging into Class Link and clicking on Schoolinks App.

COLLEGE AND CAREER CENTER

The College and Career Center is an important resource that students will utilize throughout high school. Students will use the Schoolinks program for extensive college and career searches and for the college application process. They will obtain information about scholarships, financial aid, the military, and more. Counselors work closely with students to assist them in using the many resources available in the College and Career Center.

ADDING/DROPPING COURSES

Much time and effort is put into developing optimal student schedules. If a schedule needs to be changed, please contact your counselor prior to school starting in September. Any necessary changes must be made by the first week of school.

HONOR ROLL

The following are the criteria used to determine honor roll eligibility:

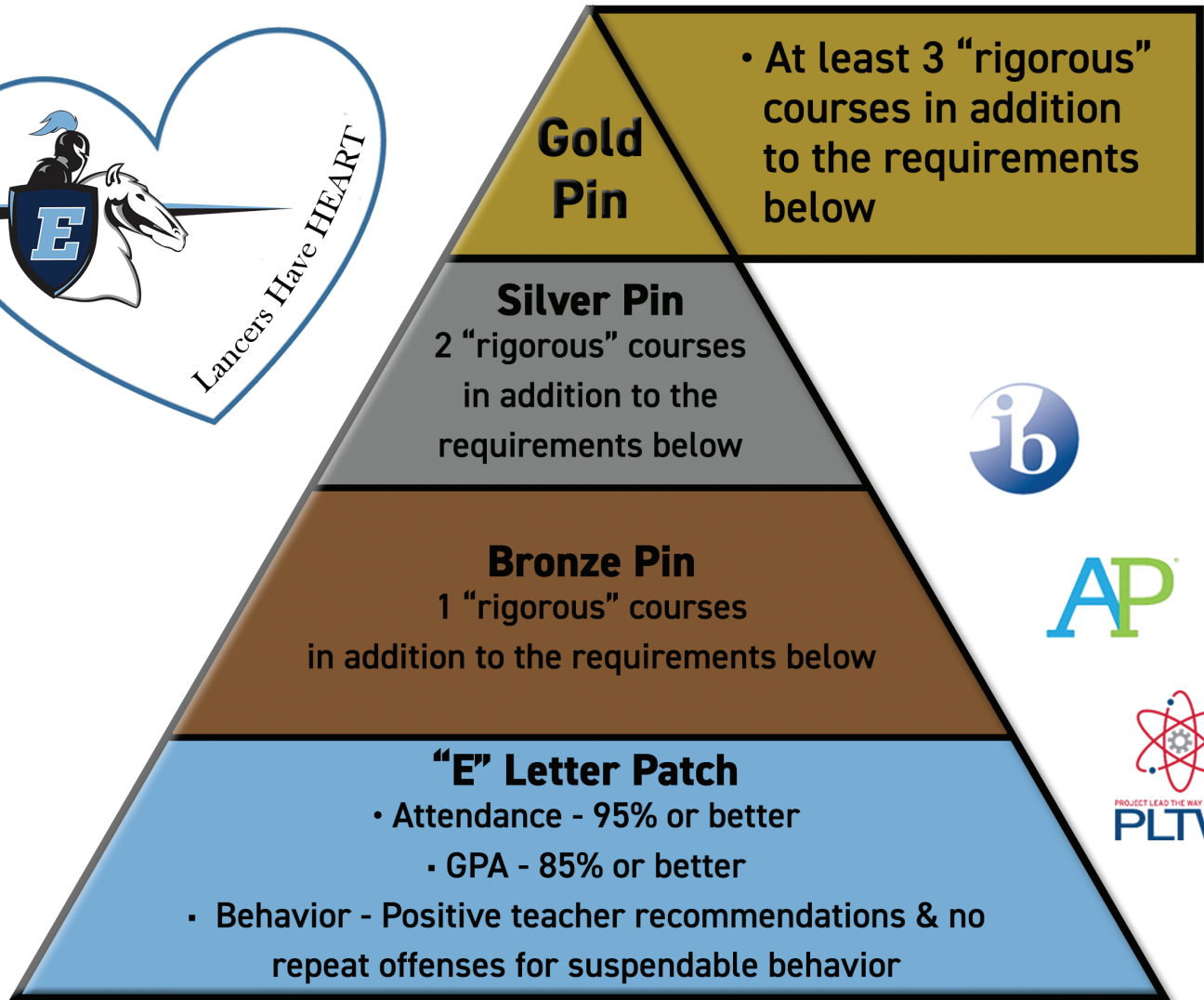
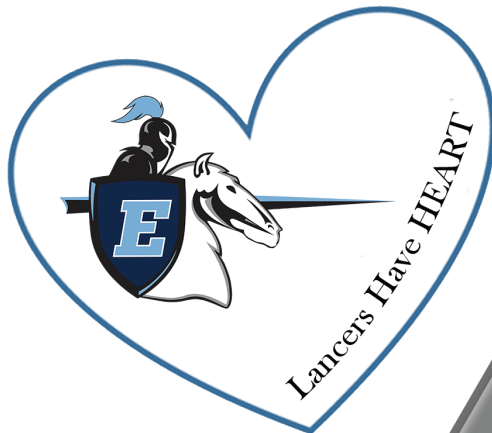
- Honor roll requires a marking period average between 85% and 92%
- High honor roll requires a marking period average of 93% and above
- Students who earn any grades below 70% are ineligible
- An incomplete grade results in ineligibility

IMPORTANT WEBSITES

Counseling Center Website: www.eastiron.org

COUNSELING INFORMATION

Eastridge Academic E Honor Levels



Diploma Designations:

(Award Levels for Seniors at Graduation)

- **Summa Cum Laude** - At least 1 gold pin & 1 silver or bronze, $\geq 95\%$ cumulative GPA
- **Magna Cum Laude** - At least 2 silver pins, $\geq 90\%$ cumulative GPA
- **Cum Laude** - At least 2 bronze pins, $\geq 85\%$ cumulative GPA

COUNSELING INFORMATION

ACADEMIC PLACEMENT

AVID: AVID targets students in the academic middle, who have the desire to go to college and the willingness to work hard. These are students who are capable of completing rigorous curriculum but are falling short of their potential. An interview selection process required.

Regents: Regents level courses are college preparatory courses. Some Regents courses require a state final assessment.

AP: Advanced Placement courses are some of the most academically rigorous that Eastridge has to offer. These courses are designed to challenge and prepare students for a college environment. The successful completion of an AP exam may afford the opportunity of earning college credit. Upon completion of the course, students are required to participate in the AP exam.

International Baccalaureate (IB)*: IB is a comprehensive, rigorous program that is meant to develop well-rounded students and prepare them for college and life.

EXTENSION PERIODS

Extension periods are for core area classes (Math, Science, Social Studies, and English, World Languages) that either include a Regents Examination (example – Geometry EXT) or are pre-requisite to courses with Regents Exams (example – Global I EXT). The extension periods are considered part of the course. They meet once every four days and directly support the learning that is going on in class.

Multiple sources of information are used to determine if a student is scheduled for an Extension Period. During the scheduling process, classroom teachers examine unit assessment results and use their personal knowledge of the students to recommend students for extension period support. At the end of the school year, final exam and Regents exam results are also used to determine the need for support.

Students are placed in extension periods to assure their success and will only be removed if they show consistent mastery of the skills and content, and it is determined that the student will be just as successful without the support in the extension period.

NATIONAL HONOR SOCIETY (NHS) REQUIREMENTS

Students are eligible for NHS second semester of junior year, and need to meet the following requirements:

- 90% overall average (GPA)
- Evidence shown in leadership, character and service
- Completed application

If students do not meet all of these requirements, they will be reviewed in semester one of their senior year.

NINTH GRADE ACADEMY

The Eastridge High School Ninth Grade Academy is designed to provide incoming freshmen with a smooth transition to high school. Freshmen teachers, administrator, counselor, social worker and parents work together to plan specific strategies for individual student success. It is developed around the concept of a small learning community and is located at the east end of the school building. Incoming freshmen are connected to the ninth grade staff that will use research proven best instructional strategies to teach the curriculum as well as address their students' needs more personally. Teachers work in a collaborative environment and are committed to the learning of the students they share.

EASTERN MONROE CAREER CENTER (EMCC)

INDEX

Courses offered:

Automotive Technologies

Building Trades

Information Technology

Communication and Arts

Culinary Arts

Education and Public Safety

Health Sciences

Human Services

Manufacturing Technology

Beginning in junior year, students have the opportunity to attend an EMCC vocational program. Due to limited openings, students must complete an application in order to be considered for any of the programs. This application process includes student grades, attendance, and a teacher recommendation.

Students earn credit based on the level EMCC vocational program they attend. At the beginning level, students can earn up to three credits. At the advanced level, students can earn up to three and a half. Students should work closely with their counselor when determining if EMCC is a good option for them based on different factors, including career and college plans.

Eastern Monroe Career Center is located at:

Monroe Boces #1, EMCC
41 O'Connor Road,
Fairport, New York, 14450

The following Career Clusters are offered at the Eastern Monroe Career Center (EMCC):

AUTOMOTIVE TECHNOLOGIES

Auto Services

Collision Repair Technology

BUILDING TRADES

Construction Trades

Trade Electricity

INFORMATION TECHNOLOGY

PC Repair/Network Cabling

Cisco Networking Academy

COMMUNICATION AND ARTS

Visual Communication and Photography

EDUCATION AND PUBLIC SAFETY

Criminal Justice

New Visions Education*

HEALTH SCIENCES

Professional Health Careers

New Vision Medical Careers*

Emergency Medical Services

CULINARY ARTS

HUMAN SERVICES

Cosmetology

Nail and Waxing Specialty with Makeup Artistry

MANUFACTURING TECHNOLOGY

Automated Manufacturing and Machining

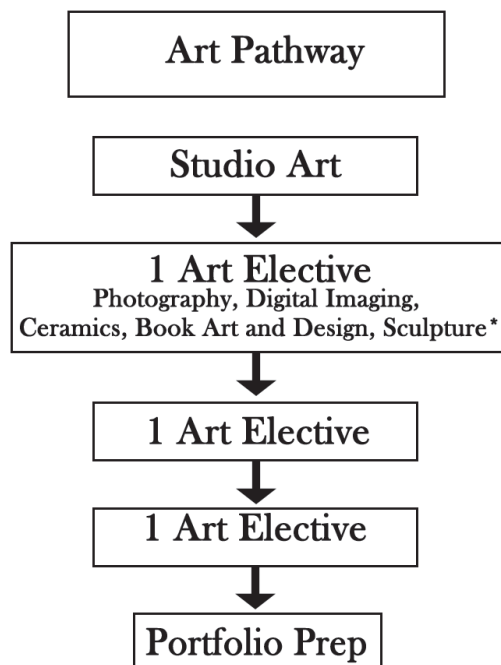
Welding and Fabrication

** New Visions is a very selective, highly competitive program with a separate application process. Students must complete an application which includes letters of recommendation and an essay for New Visions Medical and at BOCES 1 for New Visions Education. This application is then brought to a committee at BOCES, and this committee selects students to attend. The New Visions Medical program takes place at Rochester General Hospital or St. Ann's Nursing Home.*

INDEX	
Courses always offered	Credits
Studio in Art	1 credit
Courses offered based on enrollment	
Drawing & Painting	1 credit
Advanced Drawing & Painting	1 credit
Digital Imaging	1 credit
Digital Photography	1 credit
Advanced Digital Imaging	1 credit
Figurine Sculpture	1 credit
Ceramics	1/2 credit
Miniature World Sculpture	1 credit
Book Arts & Design	1/2 credit
Portfolio Preparation	1 credit

Art Pathway:

This is a sequence of 5 art credits ending in a final presentation of the artwork created in Studio Art and 4 art electives of your choice. Students will begin their art journey in Studio Art and continue that education to gain an understanding of fundamental art skills. This pathway is highly recommended for anyone who loves experimenting with all forms of art.



5 CREDITS TOTAL

*Please note that you may be able to fit in more art electives depending on your schedule!

STUDIO IN ART

1 CREDIT

This course is designed to introduce students to the Art fundamentals and the creative process. Students will explore drawing, painting, ceramics, sculpture, jewelry, and print making. Instruction is based on the elements and principles of design. Students will learn about the history of visual art, artistic styles, major art periods, and how one led to another. Students are expected to reflect, write and speak about what they see in their work and in others.

Recommended Grade Level: N/A

Prerequisite: None

DRAWING AND PAINTING

1 CREDIT

This course is designed to develop a solid foundation of basic drawing and painting skills. Most assignments will be based on drawing from observation. Focus will be given to techniques that stress value studies, color studies, brush techniques, texture, composition, perspective, and a center of interest, which will develop a strong sense of design and creative expression. Students will learn about the history of art, major art periods, and how one led to the other. Students are expected to reflect, write, and speak about what they see in their work and in their classmates' work. Sketchbooks will be kept for this course.

Recommended Grade Level: N/A

Prerequisite: Studio in Art

ADVANCED DRAWING AND PAINTING

This course is an extension of Drawing/Painting. It is designed to develop an advanced understanding of foundational drawing and painting techniques/skills. Focuses include applying skills learned in Drawing/Painting to create original works of art focused on drawing from observation, applying knowledge of color/value studies, brush techniques, texture, composition, perspective, and center of interest. These skills will be used to create original works of art and give students an opportunity to explore new ways of applying their learning to their artwork. This course inspires students to find their "artistic voice" and apply it to their artwork. Students will learn art history and participate in critiques. A sketchbook is required for this course.

Recommended Grade Level: 11/12

Prerequisites: Studio Art & Drawing and Painting

DIGITAL IMAGING

1 CREDIT

This course is designed to give students an advanced understanding of the computer program Adobe Photoshop CS6. Students will be introduced to the technical and creative issues involved with producing digital artwork. Students will become familiar with using a digital tablet to produce various types of digital art, including matte painting, photo manipulation and digital painting.

Recommended Grade Level: N/A

Prerequisite: Studio In Art

DIGITAL PHOTOGRAPHY

1 CREDIT

Do you like to take photographs? This course is an introduction to approaches and techniques of digital imaging with a focus on the use of the D-SLR digital camera and Adobe Photoshop CS6. Students will learn how to manually operate a digital camera to create aesthetically pleasing, high quality images. Students will be introduced to Photoshop, which will be used to edit and manipulate images digitally. Throughout the course students will create a photography portfolio of their best work. In this course students will learn the history of photography, as well as study influential photographers of the past and present. An introduction to Stop Motion Animation will also be included in the learning.

Recommended grade level: N/A

Prerequisite: Studio Art

ADVANCED DIGITAL IMAGING

1 CREDIT

During this course, students will dive deep into the world of Digital 3D art. Class will be an extension of what students have learned in Digital Imagery 1 and focus solely on the Blender program. Both hard-surface modeling as well as digital sculpting will be used separately and in combination with each other to create a variety of advanced artworks. UV unwrapping, UV maps, Blender's node system, adding PBR textures, texture painting, particle systems, compositing, and basic animation will all be utilized and explored.

Recommended Grade Level: N/A

Prerequisite: Digital Imaging and Studio Art

FIGURINE SCULPTURE

1 CREDIT

During this course, students will explore the world of polymer clay sculpting. PATIENCE and IMAGINATION are necessary as students will create a variety of fantasy characters and creatures which will be oven baked hard and then painted for details. Students will also create basic dioramas as a backdrop to breathe life into their creations and give them a proper home. The use of Super Sculpey, Liquid clay, Armature wire, and a variety of other tools, materials and techniques will be utilized to create both the figures and display dioramas.

Recommended Grade Level: N/A

Prerequisite: Studio Art

MINIATURE WORLD SCULPTURE

1 CREDIT

During this course, students will explore the miniature world of Art. Students will create a variety of detailed miniature landscapes and dioramas that resemble and imitate real world environments. PATIENCE and IMAGINATION are key as students will use a variety of techniques and materials including but not limited to, Plaster, Sculptamold, clay, wood, wire, stone, resin, paint, static grass, and silicone. Backdrops such as Musty Street Corners, The Old West, Graveyards, Medieval Castles, Old Mine Shafts, Space Stations, Egyptian Tombs, Alien Planets, Crime Scenes and even your bedroom may be created.

Recommended Grade Level: N/A

Prerequisite: Studio Art

CERAMICS**1/2 CREDIT**

Do you love to work with clay? Ceramics focuses on sculpting 3D forms with clay. Students will learn various hand-building techniques and get an introduction to wheel throwing. Students will learn the history of ceramics and use this as inspiration in their artwork. A focus on glazing, under-glazing, washes/stains, and other finishing techniques will be provided.

Recommended Grade Level: N/A

Prerequisite: Studio In Art

BOOK ARTS AND DESIGN**1/2 CREDIT**

This course exposes students to a variety of illustrated books such as graphic novels, comics, Anime, Manga, and children's picture books showing the connection between text and illustration. Students will look at the art of book making and storytelling using a variety of mediums (such as Collage, book binding, drawing, painting etc.) resulting in students creating their own stories and illustrations.

Recommended Grade Level: N/A

Prerequisite: Studio Art

PORTFOLIO PREPARATION**1 CREDIT**

This course is designed to help students who have studied an Art Pathway for graduation credit. This course is required for those students. The course will focus on developing a complete portfolio of the work students have created throughout their high school career in art. Students must save all artwork from previous courses to use in this course. Failure to do so will result in the inability to produce a portfolio for presentation and graduation credit. Students will create an artist statement that details the goals and inspirations behind their artwork. A final presentation of the work will count towards credit of a final exam for the Art Pathway. Portfolios can also be used for entry into college art programs.

Recommended Grade Level: N/A

Prerequisite: Art Pathway 2 (5 credits in art)

BUSINESS

INDEX	
Courses offered based on enrollment	Credits
Introduction to Marketing	1 credit
Sports Marketing	1 credit
Personal Finance 1	1/2 credit
Personal Finance 2*	1/2 credit
Cooperative Work Experience Program	1/2-1 credits
Accounting Principles I*	1 credit

*DUAL ENROLLMENT PROGRAMS

The East Irondequoit CSD offers Monroe Community College Dual enrollment classes which are meant to prepare students for college and career readiness. These courses provide students the opportunity to earn both high school and MCC college credit. Students are required to successfully complete the course, and in some instances meet prerequisites to earn college credit in addition to their high school credits. There is a fee associated with MCC DE courses.

INTRODUCTION TO MARKETING

1 CREDIT

The Introduction to Marketing course is a full-year course with topics ranging from operating a small business, selling, advertising, and technological trends to market research. Projects include designing and marketing a sports drink and creating your own pizza parlor.

Recommended Grade Level: 9-12

Prerequisite: None

Final Assessment: Local exam (Project)

SPORTS ENTERTAINMENT MARKETING

1 CREDIT

Sports and Entertainment Marketing is a full-year course designed to take the student on a step-by-step journey through the basic principles of marketing and how those functions are applied to sports and entertainment. Projects include drafting and marketing a fantasy football team and designing a restaurant.

Recommended Grade Level: 9-12

Prerequisite: Introduction to Marketing (Waived for Seniors)

Final Assessment: Local exam (Project)

PERSONAL FINANCE 1

1/2 CREDIT

Personal Finance is a half year course which guides students on how to create a financial plan to realize their personal goals. Learn practical techniques to plan, save and spend money wisely. This class will be required for students to graduate starting with the Class of 2026.

Recommended Grade Level: 10-12

Prerequisite: None

Final Assessment: None

PERSONAL FINANCE 2 MCC DUAL CREDIT (ECO 103)

1/2 CREDIT

3 CREDITS

This is a continuation of the introduction course and dives deeper into areas such as insurance, investments, and career choices.

Recommended Grade Level: 10-12

Prerequisite: Personal Finance 1

Final Assessment: None

COOPERATIVE WORK EXPERIENCE PROGRAM

1/2-1 CREDIT

The Cooperative Work Experience Program provides students with an opportunity to gain practical paid work experience. In addition to this, students will build an employment portfolio, practice interviewing techniques and discuss work ethics. Students will also complete leadership training that explore, develop and refine their potential as future leaders.

Recommended Grade Level: 11-12

Prerequisite: None

Final Assessment: None

ACCOUNTING PRINCIPLES I

1 CREDIT

MCC DUAL CREDIT (ACC 101)

4 CREDITS

This full year course covers basic principles of financial accounting for a business enterprise. Emphasis will be on the valuation of business assets, measurement of net income, and double-entry techniques for recording transactions. Students will be introduced to the cycle of accounting work, preparation of financial statements, and adjusting and closing procedures. This course is strongly recommended for students planning to major in any area of business in college. This class can count as a Math Class

Recommended Grade Level: 11-12

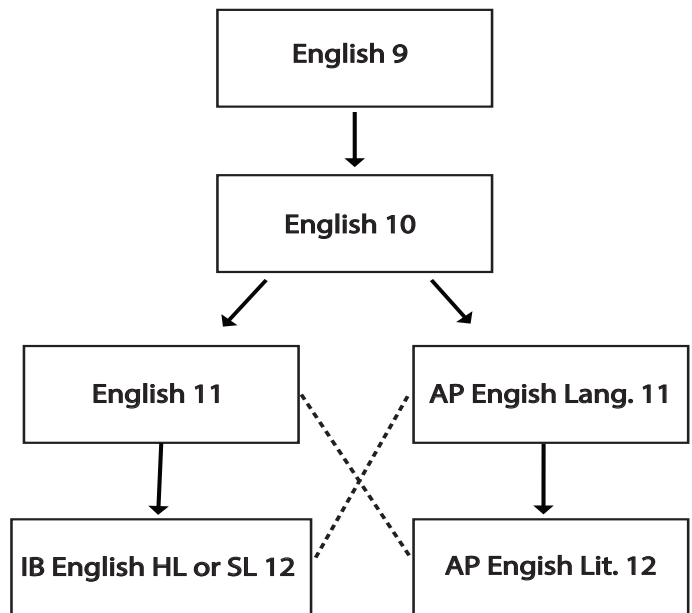
Prerequisite: None

Final Assessment: Local exam

ENGLISH

INDEX	
Courses always offered	Credits
English 9	1 credit
English 10	1 credit
English 11	1 credit
AP English Language	1 credit
IB English HL or SL 12	1 credit
Courses offered based on enrollment	
College Seminar I/II	1/2 credit each
Yearbook	1/2 credit

English Department Sequence



Four years of English credit are required for graduation. The course work for each year, as well as for each level, is derived from district curriculum guides which outline minimal skill attainment. To earn a high school diploma, students must pass the New York State Common Core English Regents Examination. Efforts will be made to provide multilevel and alternate textbooks and supplementary materials so each student may achieve success in each class unit. At each level, contemporary novels worthy of classroom study may be added and students keep a cumulative notebook for class notes.

ENGLISH 9

1 CREDIT

English 9 is the first of a three-year sequence that prepares students for the Common Core Regents Exam in English and the verbal/written components of the SAT. The course teaches writing skills with the goal of increasing sophistication in vocabulary, sentence construction, and conventions. Writing instruction is embedded within units of the course. Students will read a variety of literary genres (both whole class and choice), and will begin to learn about the process of academic research, specifically in the skill of evaluating resources. Success in English 9 sets the groundwork for student success in IB English.

Recommended Grade Level: 9

Prerequisite: None

Final Assessment: Local exam

ENGLISH 10

1 CREDIT

English 10 is the second of a three-year sequence that prepares students for the Common Core English Exam and the verbal/written components of the SAT. This course builds on the writing skills taught in English 9, with the goal of increasing sophistication in vocabulary, sentence construction, and conventions. Emphasis is given to adjusting style to suit purpose and audience. Writing instruction is embedded within the units of the course. Students will build on the argument and persuasion skills introduced in English 9 by writing several source based argument and/or persuasive papers throughout the school year. Success in English 10 sets the groundwork for student success in IB English.

Recommended Grade Level: 10

Prerequisite: English 9

Final Assessment: Local exam

ENGLISH 11

1 CREDIT

English 11 is the final year of a three-year sequence that prepares students for the English Regents Exam. There is focused instruction on reading comprehension, argument writing, and expository writing. The year is comprised of multi-genre reading units and a variety of writing assessments to pre-prepare students for the range of experiences that they will experience both grade 12 and beyond.

Recommended Grade Level: 11

Prerequisite: English 10

Final Assessment: Common Core English Regents exam

AP ENGLISH LANGUAGE

1 CREDIT

The AP English Language and Composition course is an introductory college-level course. The course focuses on the development and revision of evidence-based analytic and argumentative writing, the rhetorical analysis of nonfiction texts, and the decisions writers make as they compose and revise. Students evaluate, synthesize, and cite research to support their arguments. Additionally, they read and analyze rhetorical elements and their effects in nonfiction texts—including images as forms of text—from a range of disciplines and historical periods

Recommended Grade Level: 11

Prerequisite: English 10 and teacher recommendation

Final Assessment: AP English Language exam

IB ENGLISH HL OR SL 12

1 CREDIT

IB English is designed to ensure students are college and career ready. The language and literature course introduces the critical study and interpretation of written and spoken texts from a wide range of literary and non-literary genres. The formal analysis of texts is supplemented by awareness that meaning is not fixed but can change in respect to contexts of production and consumption. Together, the parts of the course allow the student to explore the language in question through its cultural development and use, its media forms and functions, and its literature. Students develop skills of literary and textual analysis, and also the ability to present their ideas effectively. A key aim is the development of critical literacy. Both the SL and HL courses have a speaking exam requirement and a final exam. The HL course requires an additional analytical essay, and the May exam has increased requirements and length. Based on a combination of student choice and teacher input, students will take the course at either SL or HL.

Recommended Grade Level: 12

Prerequisite: IB English 11

Final Assessments: IB Official exam tasks

COLLEGE SEMINAR I

1/2 CREDIT

This course is designed to help students begin the college exploration and application process. Students will complete interest inventories and think critically about their future plans. Time will be spent investigating and evaluating colleges, majors, and financial aid options so that in the summer between 11th and 12th grade they will have a plan for which colleges to visit.

Recommended Grade Level: 11

Prerequisite: English 10

Final Assessment: Local exam

COLLEGE SEMINAR II

1/2 CREDIT

This course builds off of College Seminar I and brings students through their actual application process. Students **MUST** be applying to at least one four-year college in order to take this class **AND** have taken their first SAT. Admissions counselors and Financial Aid experts will be brought in as students are completing the various components of the college application. After applications are completed, the focus will shift towards “coping with college life”. Topics such as dorm life, time management, financial management, and academic/career development will be covered.

Recommended Grade Level: 12

Prerequisite: College Seminar I is **STRONGLY** recommended

Final Assessment: Local exam

YEARBOOK

1/2 CREDIT

This course guides students through the preparation, planning, and production of the annual school yearbook, *The Pageant*. Students will apply their digital and visual literacy skills as they navigate the stages of production, gaining experience in the use of desktop publishing software (eDesign), photojournalism, copy writing, and page design. Students will also learn the life skills of productivity and accountability as they begin to appreciate the necessity of adhering to deadlines. This class may be taken more than once for credit.

Recommended Grade Level: 11-12

Prerequisite: None

Final Assessment: None

MATHEMATICS

INDEX

Courses always offered	Credits
Algebra	1 credit
Geometry	1 credit
Geometry By Design	2 credits 1 math/1 elective
Algebra 2	1 credit
Data Modeling	1 credit
AP Pre-Calculus*	1 credit
AP Calculus*	1 credit
College Statistics*	1 credit

*DUAL ENROLLMENT PROGRAMS

The East Irondequoit CSD offers Monroe Community College Dual enrollment classes which are meant to prepare students for college and career readiness. These courses provide students the opportunity to earn both high school and MCC college credit. Students are required to successfully complete the course, and in some instances meet prerequisites to earn college credit in addition to their high school credits. There is a fee associated with MCC DE courses.

The Mathematics Department offers a comprehensive program of studies which includes a variety of courses designed to give each student the opportunity to develop his/her potential to the fullest extent. Courses in all curriculum levels are developed in order to appeal to students with varied skills, background and motivation. Calculators are used in all courses.

1st Year Math

Algebra

2nd Year Math (Choose one)

Geometry

Geometry
by Design

3rd , 4th, 5th Year Math (May choose one or multiple from each level. To proceed to another level, must have the prior level).

Level 1

Algebra II

Level 2

AP Pre-Calculus*

College
Statistics*

Level 3

AP Calculus*

Any Level

Data Modeling

ALGEBRA

1 CREDIT

This course explores such topics as variables, operations, linear sentences, slopes and lines, exponents and powers, quadratic equations, polynomials, linear systems, factoring, and functions. Real-life applications, problem-solving, and mathematical reading and writing are emphasized. A graphing calculator is required.

Recommended Grade Level: 9

Prerequisite: None

Final Assessment: Algebra Regents

GEOMETRY

1 CREDIT

The course explores such topics as points and lines, angles, congruence, polygons, perimeter and area, three-dimensional figures, volume, similarity, triangle trigonometry, and circles. Real-life applications, problem-solving, and mathematics reading and writing are emphasized. A graphing calculator is required.

Recommended Grade Level: 9-10

Prerequisite: Algebra, Algebra Regents

Final Assessment: Geometry Regents

GEOMETRY BY DESIGN

2 CREDITS (1 MATH/1 ELECTIVE)

This is an interdisciplinary course combining Geometry concepts in a building and construction trades environment. The course is team taught by a math teacher and technology teacher and is designed to contextualize geometry concepts with authentic projects and applications. Geometry concepts include area, perimeter, volume, transformation, congruence, Pythagorean theorem, similar figures, trig, quadrilaterals and circles. Students will receive two credits for this year long course; one math credit and one elective credit.

Recommended Grade Level: 10-12

Prerequisite: Algebra, Algebra Regents

Final Assessment: Capstone Project, Geometry Regents

ALGEBRA 2

1 CREDIT

This course explores functions including: linear, quadratic, exponential, logarithmic, polynomial, and trigonometric. Probability and statistics is also investigated. Real-life applications, problem-solving, and mathematical reading and writing are emphasized. A graphing calculator is required.

Recommended Grade Level: 10-12

Prerequisite: Geometry or Geometry by Design

Final Assessment: Algebra 2 Regents

DATA MODELING

1 CREDIT

This is an elective math course designed for students seeking an additional math credit. Students will use a blend of mathematics, tools, and algorithms to help find hidden insights or patterns from raw data. Students will learn to be data explorers through project-based units using data relevant to themselves and the community they live in. Students will explore different ways of analyzing and modeling data.

Recommended Grade Level: 11-12

Prerequisite: Algebra, Algebra Regents

Final Assessment: Project

MATHEMATICS

AP PRE-CALCULUS

1 CREDIT

MCC DUAL CREDIT (MTH 175)

4 CREDITS

This course is designed to prepare students for the study of calculus. Students will study the properties of graphs of functions, including polynomial, absolute value, power, piecewise, radial, rational, exponential, logarithmic, trigonometric, and inverse trigonometric. Topics also include a study of analytic trigonometry and an introduction to vectors.

Recommended Grade Level: 11-12

Prerequisite: Algebra, Geometry, Algebra II, and Algebra Regents

Final Assessment: AP Pre-Calculus Exam (Students taking the course for dual-credit will be required to take the MCC final exam)

AP CALCULUS

1 CREDIT

MCC DUAL CREDIT (MATH 210)

4 CREDITS

The course covers Calculus topics with greater depth such as limits, derivatives, and integrals with applications of all topics. It is designed for the highly motivated student who is seeking college credit. A graphing calculator is required.

Recommended Grade Level: 12

Prerequisite: Pre-Calculus

Final Assessment: AP Calculus AB exam (Students taking the course for dual-credit will be required to take the MCC final exam in addition to the AP exam)

COLLEGE STATISTICS

1 CREDIT

MCC DUAL CREDIT (MTH 160)

3 CREDITS

The College Statistics course is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes; exploring data, sampling and experimentation, anticipating patterns, and statistical inference.

Recommended Grade level: 11-12

Prerequisite: Algebra 2 or Data Modeling

Final Assessment: Local exam and final project (Students taking the course for dual-credit will be required to take the MCC final exam)

INDEX

Courses always offered	Credits
Concert Choir	1 credit
Chorale	1 credit
Concert Band	1 credit
Wind Ensemble	1 credit
Eastridge Lancer Marching Band	1/4 credit each

To obtain a Regents Diploma with Advanced Designation, students may elect a five-unit concentration in music. For the five-unit concentration, it is recommended that two units be in knowledge development and three in skill development. All students must earn at least one unit of credit in art and/or music for a high school diploma.

VOCAL MUSIC

The vocal music program encompasses a variety of music learning including music literacy, cultural/historical connections, musical expression and communication through the performance. The choirs perform high level repertoire representing different genres and historical periods as well as world cultures. Students must learn specific music vocabulary in order to analyze, interpret and communicate effectively in the choir classroom.

CONCERT CHOIR

1 CREDIT

The Eastridge Concert Choir is an ensemble comprised of mostly ninth and tenth grade students. The selection of performance pieces and sight reading examples extend beyond the middle school level, based upon NYSSMA (New York State School Music Association) levels III-V. Private voice lessons are available in the small group setting to extend on individual solo performance and music learning. The Concert Choir performs at the Winter and Spring concerts.

Recommended Grade Level: 9-10

Prerequisite: None

Final Assessment: Attendance at all concerts.

CHORALE

1 CREDIT

The Eastridge Chorale is an ensemble comprised of students who have successfully completed at least one year of Concert Choir with teacher recommendation (or course equivalency). The selection of performance pieces and sight reading levels extend beyond Concert Choir level, based upon NYSSMA levels V and VI. Private voice lessons are available in the small group setting to extend on individual solo performance and music learning. The Chorale performs at the Winter and Spring Concerts, as well as at competitions and other venues off campus.

Recommended Grade Level: 11-12 or grade 10 by teacher recommendation

Prerequisite: Student must complete at least one year of Concert Choir successfully and have teacher recommendation

Final Assessment: Attendance at all concerts

INSTRUMENTAL MUSIC

Full participation in the instrumental music program includes marching band (parades, field band and athletic events), performance in concerts, playing in the Jazz Ensemble, membership in the Brass, Woodwind, or Percussion Ensembles, solo and group participation in the festivals and competitions sponsored by the New York State School Music Association (NYSSMA), and Monroe County School Music Association (MCSMA). Students also have the opportunity to enter out-of-state competitions.

MUSIC

CONCERT BAND

1 CREDIT

The focus of this ensemble is on the continued development of skills learned in the middle school. The level of music is higher and the range of styles expanded to challenge the student. Students in Concert Band are assigned to a lesson group. Students meeting the requirements (one band rehearsal each day and one lesson each week) receive one full credit.

Recommended Grade Level: 9-10

Prerequisite: 8th grade Band

Final Assessment: Two concert performances and weekly lessons

WIND ENSEMBLE

1 CREDIT

The focus of this ensemble is to explore literature of musical significance and challenge students to the highest level. Students will continue to develop skills learned in Concert Band. All students in Wind Ensemble are assigned to a lesson group. Students meeting the requirements (one band rehearsal each day and one lesson each week) receive one full credit.

Recommended Grade Level: 11-12

Prerequisite: Teacher recommendation

Final Assessment: Three or more concert performances and weekly lessons

EASTRIDGE LANCER MARCHING BAND

1/4 CREDIT EACH

The marching program offers a year-round approach to enhance your skills as a musician or a member of the colorguard. In the Spring, we march in parades (both local and out of state); the Fall consists of competitive Field Band (events across NYS); the Winter consists of an Indoor Percussion Ensemble (an extension of the Marching Band).

Spring: This is the season where new members would begin their participation in the program. Rehearsals begin after the high school musical in March. Students rehearse twice a week in the evenings. This part of the program involves competitions (in and out of state) and local parades in both the spring and summer.

Summer/Fall: Starting in July, we begin preparation for the competitive Field Band. Students rehearse twice a week in the evenings. The second week of August is a mandatory Band Camp where students meet to learn the drill for the fall show. Upon school opening, students continue rehearsal twice a week in the evenings and we also rehearse on Saturdays. The band enters numerous competitions throughout New York State. The season culminates with a performance in the Dome at Syracuse University.

Winter: After our performance in the Carrier Dome, students have the option of joining the Indoor Percussion Ensemble. To be eligible, students must participate in the fall Field Band. This group rehearses three times a week and competes in events across New York State. Both groups rehearse twice a week in the evenings and compete in events across New York State.

Recommended Grade Level: 7-12 or teacher recommendation

Prerequisite: Participation in middle school or high school concert bands or student auditions. The colorguard is open to the entire student body, although students may be auditioned.

PERFORMING ARTS

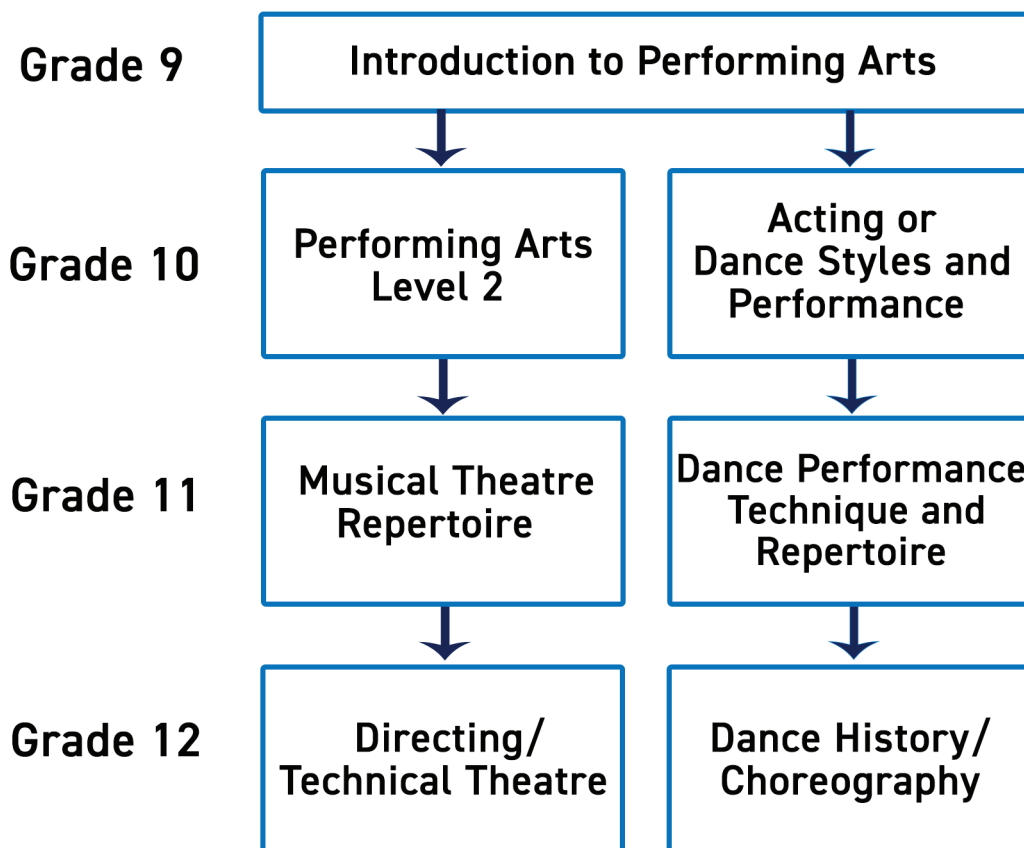
Index	
Courses offered based on enrollment	Credits
Introduction to Performing Arts	1 credit
Dance Performance & Technique	1 credit
Acting	1 credit
Performing Arts II	1 credit

The goal is for Eastridge to offer a variety of Performing Arts classes for those students interested in theater and dance. Below are Performing Arts Pathways to include a comprehensive list of classes. Eastridge will phase in these classes over the next 4 years based on student interests and requests.

Students in grades 9-12 are provided an exceptional opportunity to explore their interests in dance and theatre. The rigorous, standards-driven curriculum challenges students to discover their unique creative talents, improve their artistic skills and strengthen their self-discipline and determination.

Students can elect to participate in classes for all the performing disciplines, attend master classes, take field trips to professional performances, and create and perform in their own shows.

Performing Arts Pathways



PERFORMING ARTS

INTRODUCTION TO PERFORMING ARTS

1 CREDIT

Introduction to Performing Arts will focus on the fundamental principles of performing arts and what it means to be a performer and creator within the contexts of theatre and dance. Students will study character development, performance techniques, the history of theatre/dance, kinesthetic principles, and foundational concepts in the arts.

Students of all experiences are welcome in the course. Within the context of each unit students will get to show their learning through either acting or dance activities.

This course will provide the skills students need to successfully complete a performing arts sequence in either theatre or dance.

Prerequisite: None

Grade Levels: 9-12

Final Assessment: Performing Arts Showcase

DANCE PERFORMANCE AND TECHNIQUE

1 CREDIT

Dance Performance and Technique will focus on various dance styles. Students will learn to heighten their artistry through technique classes where they will learn performance and choreographic skills. In addition, students will receive instruction in principles of alignment, qualitative expression, and bodily connectivity. This course is designed for students who have a love for performance and are looking to develop their technical skills in addition to finding their own unique artistic voice through dance. This course counts towards a student's physical education credit.

Prerequisite: Introduction to Performing Arts

Grade Levels: 10-12

Final Assessment: Performing Arts Showcase

ACTING PERFORMANCE AND TECHNIQUE

1 CREDIT

Acting technique will focus on the development of skills for the craft of acting. This course provides students with the opportunity to grow as an actor through performance and analysis. This course is designed for students who have exhibited a passion and drive to explore the craft of acting at an elevated level.

In this course, students will build upon an intermediate set of acting skills for both performance and analysis through a study of various exercises, techniques, games, and artistic philosophies. Under the instructor's supervision and guidance, students will explore the world of drama, creating original performances, and conveying stories through the magic of theatrical expression.

Prerequisite: Introduction to Performing Arts

Grade Levels: 10-12

Final Assessment: Performing Arts Showcase

PERFORMING ARTS LEVEL II

1 CREDIT

Performing Arts Level II will build upon the fundamental principles of acting and dance learned in Introduction to Performing Arts. This course provides students with a strong grounding in performing arts and introduces a broad range of topics that support progression to further study. This course is designed for students who will plan on pursuing IB Dance and/or Theatre in their 11th and 12th grade years but is also open to students who have a serious passion for theatre and dance.

Students will develop a knowledge and understanding of performing arts and grow in confidence across a range of disciplines. Students will build upon existing skills and learn new acting and dance techniques for rehearsals and performances – all within a highly creative arts environment. This course counts towards a student's physical education credit.

Prerequisite: Introduction to Performing Arts

Grade Levels: 10-12

Final Assessment: Performing Arts Showcase

PHYSICAL EDUCATION/HEALTH

INDEX

Courses always Offered	Credits	Courses offered based on enrollment	Credits
Physical Education	1/2 Credit	Anatomical Kinesiology	1/2 Credit
Health	1/2 Credit		

PHYSICAL EDUCATION

1/2 CREDIT

The Physical Education program follows the National Standards for Physical Education and the New York State Framework Standards. Students are required to take physical education each year and obtain two full credits for graduation.

Students participate in a variety of health-related fitness activities during each physical education class period. With a new curriculum in place, emphasis is placed on encouraging students to develop social maturity and personal choice.

Twice a year students will take the NYS Physical Fitness test. The second time they take the test will count as their final exam. This exam will count as 1/5 of their overall Physical Education grade.

The district will provide an adapted Physical Education class for those students not able to participate in the regular Physical Education class. All medical exemptions for more than one class period must be from a doctor and submitted to the school Health Office.

Recommended Grade Level: 9-12

Prerequisite: None

Final Assessment: NYS physical fitness test

HEALTH

1/2 CREDIT

The health program offers the opportunity to develop positive health attitudes and behaviors. The choices made throughout life can improve the chances of living without serious illness or chronic conditions. Students learn to make knowledgeable choices concerning nutrition, abusive behavior, depression, chemical substances, STDs, mental, physical and emotional health. This comprehensive health course will also develop decision making skills and positive interactions with others. Health education is state-mandated for one semester and is a requirement for graduation.

Recommended Grade Level: 9-12

Prerequisite: None

Final Assessment: Local exam

ANATOMICAL KINESIOLOGY

1/2 CREDIT

Anatomical Kinesiology will introduce students to musculoskeletal anatomy and how it relates to human movement. Students will learn anatomy of the skeletal and muscular systems and how they work together to create movement involved in daily activity as well as sport-specific movements.

Recommended Grade Level: 10-12

Prerequisite: Health

Final Assessment: Local exam

INDEX

Courses always offered	Credits
Living Environment Regents	1 credit
Earth Science Regents	1 credit
Chemistry Regents	1 credit
Physics Regents	1 credit

*Dual Enrollment Programs

The East Irondequoit CSD offers Monroe Community College Dual enrollment classes which are meant to prepare students for college and career readiness. These courses provide students the opportunity to earn both high school and MCC college credit. Students are required to successfully complete the course, and in some instances meet prerequisites to earn college credit in addition to their high school credits. There is a fee associated with MCC DE courses.

Students must take a science course each year of high school

Courses offered based on enrollment	Credits
Critical Issues in Environmental Science	1 credit
Space and Astronomy Science	1 credit
IB Environmental Systems & Societies	1 credit
AP Chemistry	1 credit
AP Physics I	1 credit
Intro to Optics*	1 credit
Project Lead The Way	
Human Body Systems	1 credit
Medical Interventions	1 credit
Principles of Biomedical Science	1 credit

FOUNDATIONAL LIFE SCIENCE - REQUIRED

LIVING ENVIRONMENT REGENTS

1 CREDIT

Living Environment is a first-year introductory course which includes topics in ecology, life functions, reproduction, genetics, evolution and human impact on the environment. Emphasis will be placed on the application of biological principles through independent investigations. Laboratory work is a required element of the course and successful completion of labs is a requirement for admission to the final exam.

Recommended Grade Level: 8 or 9

Prerequisite: None

Final Assessment: Living Environment Regents exam

FOUNDATIONAL PHYSICAL SCIENCES - MUST TAKE AT LEAST ONE, MAY TAKE ALL THREE

EARTH SCIENCE REGENTS

1 CREDIT

This course is designed to develop skills and knowledge needed to be scientifically literate about the Earth and Earth processes. Major topics of the course include cartography, astronomy, geology, and meteorology. Laboratory work is a required element of the course and successful completion of labs is a requirement for admission to the final exam.

Recommended Grade Level: 9 or 10

Prerequisite: Living Environment

Final Assessment: Earth Science Regents exam

SCIENCE

CHEMISTRY REGENTS

1 CREDIT

This course is a higher-level class incorporating advanced math skills with laboratory work included. Topics include matter and energy, atomic theory, chemical bonding, principles of chemical reactions, chemical properties of elements, the periodic table, the mathematics of chemistry, kinetics and equilibrium, acids and bases, redox and electrochemistry, organic chemistry and nuclear chemistry. Laboratory work is a required element of the course and successful completion of labs is a requirement for admission to the final exam.

Recommended Grade Level: 9-12

Prerequisite: Successful completion of exam and course for Living Environment and Algebra

Final Assessment: Chemistry Regents exam

PHYSICS REGENTS

1 CREDIT

This course is strongly recommended for any student planning on attending college, particularly those considering careers in engineering or the sciences, as problem-solving skills and critical thinking will be used and developed on a daily basis. Completion of written lab work will be required and a basic knowledge of algebra and geometry is assumed. Topics include motion, energy, electricity, magnetism, and light. This course can be taken concurrently with other higher level science classes like IB Biology and IB/AP Env Science.

Recommended Grade Level: 9-12

Prerequisite: Algebra, Geometry, may take Algebra 2 concurrently with Physics Regents. Must have completed regents science graduation requirements

Final Assessment: Physics Regents exam

ADVANCED SCIENCES - COURSES OFFERED BASED ON ENROLLMENT

CRITICAL ISSUES IN ENVIRONMENTAL SCIENCE

1 CREDIT

This is a full year, local, case study-based course that focuses on issues in the environment and asks students to propose solutions to real world problems. Students should have an interest in the environment and its health. They should also be ready to think independently and problem solve. Topics will include but are not limited to water, soil, air, resource use and ecology.

Recommended Grade Level: 9-12

Prerequisite: Living Environment

Final Assessment: Final Project

SPACE AND ASTRONOMY SCIENCE

1 CREDIT

This Course is a non-regent's course for juniors and seniors who wish to continue to explore meteorology and astronomy. This hands-on course will incorporate recent scientific activities and emphasize the connections that we all have to the atmosphere and space. Topics will include weather modeling, severe weather risks, our journeys beyond our atmosphere, and the structure of the universe. We will also focus on scientists in the field and how knowledge of the atmosphere and space can influence your employment in the future.

Recommended Grade Level: 11-12

Prerequisite: None

Final Assessment: None

AP CHEMISTRY

1 CREDIT

The AP Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

Recommended Grade Level: 12

Prerequisite: Chemistry and Algebra II

Final Assessment: AP Chemistry exam

AP PHYSICS I

1 CREDIT

AP Physics is a college-level course which corresponds in scope and depth to a typical introductory algebra-based physics course. This is strongly recommended for any student considering careers in engineering or any of the sciences. Completion of written lab work will be required and a working knowledge of algebra and geometry is assumed. Colleges may grant credit for this course based on this exam. Topics include motion, energy, electricity, magnetism, and optics.

Recommended Grade Level: 12

Prerequisite: Chemistry, Physics and Algebra II

Final Assessment: Physics Regents exam, AP Physics I exam

IB ENVIRONMENTAL SYSTEMS & SOCIETIES

1 CREDIT

The AP Environmental Systems & Societies course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The material offered is from a wide variety of disciplines, including geology, biology environmental studies, environmental science, chemistry, and geography. The AP Environmental Systems & Societies course is designed to enable students to undertake, as first-year college students, a more advanced study of topics in environmental science. Colleges may grant advanced credit or standing on the basis of the examination.

Recommended Grade Level: 11-12

Prerequisite: Living Environment, Earth Science, Chemistry

Final Assessment: IB Environment Science assessment, and optional AP Environmental Science exam

INTRO TO OPTICS

1 CREDIT

MCC DUAL CREDIT (OPT 110)

3 CREDITS

Familiarizes students with the important aspects of technical optics, including terminology, fundamentals and principles, optical instruments and their relation to mechanics and electronics; wave optics including such recent developments as lasers; optical processes and testing techniques, and photography and its uses. This course should provide the student with an appreciation of how optics may be related to their own major interests.

Recommended Grade Level: 11-12

Prerequisite: Successful completion of Algebra and 1 Regents level Science

Final Assessment: MCC final assessment

PROJECT LEAD THE WAY COURSES

Students can earn 3 college credits at the Rochester Institute of Technology in several PLTW courses (Principles of Biomedical Science, Human Body Systems, Medical Interventions). Credits are awarded based on the students' grades as well as their performance on the final exam. Qualifying students and their families will be notified by mail at the conclusion of the course and may purchase the 3 credits from RIT.

HUMAN BODY SYSTEMS

1 CREDIT

This course is designed to allow student to dive deeply into emerging topics connected to the biomedical field through the study of the human body and forensic science. Forensic Science topics will include fingerprinting, fiber analysis, ballistics, evidence analysis, toxicology, psychology, blood typing and blood spatter. The Human body portion will dive deep into the structure and function of the body systems including the immune system, musculo-skeletal system, nervous system and others. Classroom activities will include projects, case studies, class discussion/projects, dissections and use of technology. Students who have a strong interest in science or wish to pursue career in science after high school are encouraged to take this course.

Recommended Grade Level: 9-12

Prerequisite: Living Environment

Final Assessment: Final Exam/Project

SCIENCE

MEDICAL INTERVENTIONS

1 CREDIT

Medical Interventions (MI) allows students to investigate the variety of interventions involved in the prevention, diagnosis, and treatment of disease as they follow the lives of a fictitious family. A “How-To” manual for maintaining overall health and homeostasis in the body, the course will explore how to prevent and fight infection, how to screen and evaluate the code in our DNA, how to prevent, diagnose, and treat cancer, and how to prevail when the organs of the body begin to fail. Through these scenarios students will be exposed to the wide range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics. Each family case scenario will introduce multiple types of interventions, reinforce concepts learned in the previous two courses, and present new content. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. These interventions will be showcased across the generations of the family and will provide a look at the past, present, and future of biomedical science. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important role that scientific thinking and engineering design play in the development of interventions of the future. Students practice problem solving with structured activities and progress to open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills.

Prerequisite: Living Environment

Recommended Grade level: 11-12

Final Assessment: PLTW Exam

PRINCIPLES OF BIOMEDICAL SCIENCE

1 CREDIT

In this course, students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Over the course of the year, students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

Prerequisite: Living Environment

Recommended Grade level: 10-12

Final Assessment: PLTW Exam

SOCIAL STUDIES

INDEX

Courses always offered	Credits
Global I	1 credit
Global II	1 credit
AP World History	1 credit
U. S. History & Government Regents	1 credit
AP U.S. History	1 credit
IB History of the Americas 12	1 credit
Participation in Government & Politics	1/2 credit
Economics*	1/2 Credit

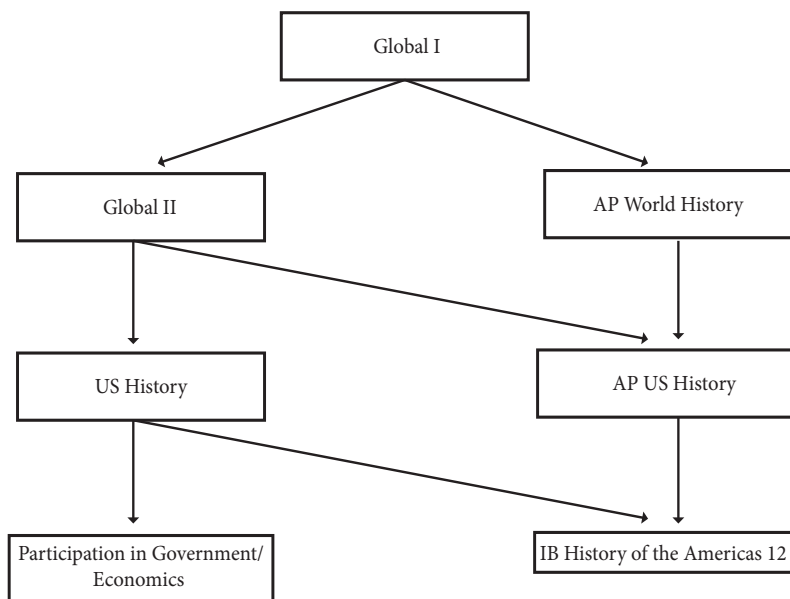
Courses offered based on enrollment	Credits
Introduction to Sociology	1/2 credit
Introduction to Psychology	1/2 credit
Law, Crime, and Punishment	1/2 credit
History through Film	1/2 credit
Pre-America Black History	1/2 credit
Black American History	1/2 credit
Latine American History	1/2 credit
AP African-American History	1 credit

*DUAL ENROLLMENT PROGRAMS

The East Irondequoit CSD offers Monroe Community College Dual enrollment classes which are meant to prepare students for college and career readiness. These courses provide students the opportunity to earn both high school and MCC college credit. Students are required to successfully complete the course, and in some instances meet prerequisites to earn college credit in addition to their high school credits. There is a fee associated with MCC DE courses.

The goal of the Social Studies department is to help students become effective, responsible citizens. All students are required to pass the New York State Regents Examination in Global History & Geography at the end of their sophomore year, and the New York State Regents Exam in U.S. History & Government at the end of their junior year. Students can earn college credits by taking Advanced Placement or International Baccalaureate courses.

SOCIAL STUDIES DEPARTMENT SEQUENCE



GLOBAL I

Global History and Geography I is the first part of a two-year course. Global History and Geography I will cover Ancient civilizations until the First Global Age. Students will study major Global History concepts, themes and vocabulary along with the role that geography, belief systems, political systems and economic systems play in the development of different cultures and civilizations across the world. Students will analyze primary documents and use them to identify and explain Enduring Issues throughout history.

Recommended Grade Level: 9

Prerequisite: None

Final Assessment: Local exam

1 CREDIT

GLOBAL II

1 CREDIT

Global History II focuses on global interactions from the Age of Revolutions (1750-1914) through the present 21st Century. Students will examine how the world's major problems can be dealt with in a global context. Students will analyze primary documents and use them to analyze enduring issues, such as violations of human rights or Human Impact on the Environment.

Recommended Grade Level: 10

Prerequisite: Global I

Final Assessment: Global History Regents exam

AP WORLD HISTORY

1 CREDIT

This full-year course in world history covers historical habits of the mind (constructing and evaluating arguments, using primary documents and data, assessing change and continuity over time, and handling diversity of interpretations) as well as skills based on historical content (global patterns, comparison within and among societies and understanding of ideas and values). Asia, Africa, the Americas, and Europe will be studied and equally represented.

Recommended Grade Level: 10

Prerequisite: Global History & Geography I

Final Assessments: AP World History exam, Global History Regents exam

U. S. HISTORY AND GOVERNMENT REGENTS

1 CREDIT

A main part of the Regents course is preparing for a solid knowledge of all basic social studies skills, such as note-taking, reading, map skills, critical thinking skills, vocabulary, and essay writing. Students will be taught cartoon, chart and graph interpretation, and important research skills. Students will examine the movement of US history with the goal of developing civic literacy.

Recommended Grade Level: 11

Prerequisite: Global I, Global II

Final Assessment: US History Regents exam

AP US HISTORY

1 CREDIT

AP US History is an introductory college course. Students investigate significant events, individuals, developments, and processes in nine historical periods from approximately 1491 to the present. Students develop and use the same skills and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change. The course also provides eight themes that students explore throughout the course in order to make connections among historical developments in different times and places: American and national identity; work, exchange, and technology; geography and the environment; migration and settlement; politics and power; America in the world; American and regional culture; and social structures. College Course Equivalent AP U.S. History is equivalent to a two-semester introductory college course in U.S. history

Recommended Grade Level: 11

Prerequisite: Global I, Global II

Final Assessment: AP US History exam

IB HISTORY OF THE AMERICAS 12

1 CREDIT

History of the Americas is a rigorous course that examines the history of the western hemisphere over the past 250 years. Specific attention will be paid to struggles for freedom and democracy in the Americas. A key goal is to develop student knowledge and understanding of the histories of Canada and Latin America, bringing a more global perspective to US History. This course assists students in developing research and analytical skills needed to explain and evaluate historical events and ideas.

Recommended Grade Level: 12

Prerequisite: None

Final Assessment: IB essay exam grade 12

SOCIAL STUDIES

PARTICIPATION IN GOVERNMENT AND POLITICS

1/2 CREDIT

This course emphasizes the political process by analyzing how government works, with an in-depth look at the branches of government and the necessary requirements to become an active citizen. Students prepare to actively participate in the governmental process through position essays, active participation, volunteering, and debates. Seal of Civic Readiness Final Project: The Seal of Civic Readiness is an honor noted on a transcript and at graduation that a student has attained a high level of proficiency in terms of civic knowledge, civic skills, civic mindset, and civic experiences. Students who have earned the Seal of Civic Readiness: understand of a commitment to participatory government; civic responsibility and civic values; demonstrate to universities, colleges, and future employers the completion of an action project in civics or social justice; and recognize the value of civic engagement and scholarship. In order to earn this honor you must have passed four years of Social Studies classes (Regents or AP/IB). Students with mastery grades on Social Studies Exams (grades of 85 or higher on average), Students with proficiency grades on Social Studies Exams (grades of 64-84), those who have some types of work experience, students who participate in community service, and/or students who have taken East Irondequoit's Law, Crime and Punishment class are even closer to earning the Seal.

Recommended Grade Level: 12

Prerequisite: US History and Government

Final Assessment: Research paper and presentation

ECONOMICS

1/2 CREDIT

MCC DUAL CREDIT (ECO 101)

3 CREDITS

This course focuses on the primary elements of economic theory. Students appreciate methodology, analyze the market system, and apply economic thinking to a wide range of human problems. Students have the opportunity to earn MCC Dual Credit in this course.

Recommended Grade Level: 12

Prerequisite: US History and Government

Final Assessment: Local exam, MCC Dual Credit exam

INTRODUCTION TO SOCIOLOGY

1/2 CREDIT

In this elective, students will be exposed to studies and information leading to increased understanding of American society. Answers to the following questions will be discussed: What rules does our society set for us? Why and how do people act in groups? What impact do the basic institutions have on socializing people? What are the major social problems and movements in today's society? How does change come to a society? Community involvement will be integrated to help obtain answers to these questions. Students will participate in classroom discussions, complete independent research and class presentations.

Recommended Grade Level: 11-12

Prerequisite: None

Final Assessment: Local exam

INTRODUCTION TO PSYCHOLOGY

1/2 CREDIT

This elective course examines the human personality, what influences form it, and what impact the psyche has on our lives. Topics include various theories of personality development, stages of human development, and abnormal psychology. Students are expected to participate in classroom discourse, complete individual research and give presentations.

Recommended Grade Level: 11-12

Prerequisite: None

Final Assessment: Local exam

LAW, CRIME, AND PUNISHMENT

1/2 CREDIT

This elective course is designed to examine the concept of law and the role and direction of courts and legislatures as well as issues of equity. Topics will include an introduction to civil and criminal justice, The Constitution, family law, criminal law (including juveniles), and prison and alternatives to prisons. An important part of this course will be student exposure and involvement with lawyers, police officers, and professionals involved with law enforcement. Field trips and independent research may be included.

Recommended Grade Level: 10-12

Prerequisite: None

31 Final Assessment: Local exam

SOCIAL STUDIES

HISTORY THROUGH FILM

1/2 CREDIT

This elective film class will feature critical thinking about what it is on the big screen versus what has actually happened throughout history. Students are asked to research certain topics prior to being shown film. This is to aid in the understanding of world events. The course will cover issues such as historic people and their contributions, war, cultural acceptance and discrimination, holocaust, genocide, ethnic cleansing and various modern issues.

Recommended Grade Level: 11-12

Prerequisite: None

Final Assessment: Project

PRE-AMERICA BLACK HISTORY

1/2 CREDIT

The goal of this course is for students to examine the historical experiences and conditions of persons of African and Afro-Caribbean descent prior to the founding of the American Colonies. Students will gain a deeper understanding of African and Afro-Caribbean identity, power, agency, resistance, and resilience from ancient times to the 1600s. The course content will explore significant events in African and Afro-Caribbean history by delving into multiple perspectives. Students will develop their historical thinking skills and social studies practices through primary and secondary source readings, in-class discussions, and class assignments and projects. Students will read, discuss, and write about situations that involve race and racism. The final intent of the course is to empower all students to become engaged citizens of our diverse world.

Recommended Grade Level: 10-12. Second semester 9th graders with Grade 9 Teacher Recommendation.

Prerequisite: None

Final Assessment: Seal of Civic Readiness Performance Task

BLACK AMERICAN HISTORY

1/2 CREDIT

The goal of this course is for students to examine the historical experiences and conditions of persons of African and Afro-Caribbean descent within the American historical context. Students will gain a deeper understanding of African, Afro-Caribbean, and Black American identity, power, agency, resistance, and resilience from the 1600s to present day. The course content will explore significant events Black American history by delving into both national and local, Rochester-area perspectives. Students will develop their historical thinking skills and social studies practices through primary and secondary source readings, in-class discussions, and class assignments and projects. Students will read, discuss, and write about situations that involve race and racism. The final intent of the course is to empower all students to become engaged citizens of our diverse country.

Recommended Grade Level: 10-12. Second semester 9th graders with Grade 9 Teacher Recommendation.

Prerequisite: None

Final Assessment: Seal of Civic Readiness Performance Task

LATINE AMERICAN HISTORY

1/2 CREDIT

The goal of this course is for students to examine the historical experiences and conditions of persons of Latine descent prior to and within the American historical context. Students will gain a deeper understanding of Latine and Latine American identity, power, agency, resistance, and resilience from ancient times to present day. The course content will explore significant events in Latine history by delving into both national and local, Rochester-area perspectives. Students will develop their historical thinking skills and social studies practices through primary and secondary source readings, in-class discussions, and class assignments and projects. Students will read, discuss, and write about situations that involve race or racism. The final intent of the course is to empower all students to become engaged citizens of our diverse country.

Recommended Grade Level: 10-12. Second semester 9th graders with Grade 9 Teacher Recommendation.

Prerequisite: None

Final Assessment: Seal of Civic Readiness Performance Task

AP AFRICAN-AMERICAN HISTORY

1 CREDIT

This interdisciplinary course reaches into a variety of fields: literature, the arts and humanities, political science, geography, and science—to explore the vital contributions and experiences of African Americans. Students will learn about the political, economic, social, religious, and cultural factors that have influenced African American life, examine individuals who changed the course of history, and explore how the African American story still influences current events today. This course culminates in an Advanced Placement exam, which could provide college credit.

Recommended Grade Level: 11-12. 10th graders with Teacher Recommendation.

Prerequisite: None

Final Assessment: AP Exam

TECHNOLOGY EDUCATION

INDEX

Courses offered based on enrollment	Credits
Robotics	1 credit
Woods	1 credit
Gaming Concepts: Fundamentals	1 credit
Exploring Interactive Media and Esports Topics	1 credit

Project Lead The Way (PLTW)	
Intro to Engineering Design (IED)	1 credit
Computer Science Principles(CSP)	1 credit
Civil Engineering & Architecture(CEA)	1 credit
Digital Electronics (DE)	1 credit
Computer Integrated Manufacturing (CIM)	1 credit
IB Personal & Professional Skills (PPS)	1/2 credit
Principles of Engineering (POE)	1 credit
Engineering Design & Development (EDD)	1 credit

Required Courses

Take All 3

Introduction to Engineering Design (IED)

9th Grade
1 Credit

Principles of Engineering (POE)

11th or 12th Grade
1 Credit

Engineering Design and Development (EDD)

12th Grade
1 Credit



**Eastridge High School
Program Completion
Guidelines**

Elective Courses

Choose any 2

Civil Engineering and Architecture (CEA)

1 Credit

Computer Integrated Manufacturing (CIM)

1 Credit

Digital Electronics (DE)

1 Credit

Computer Science Principles (CSP)

11th or 12th Grade
1 Credit

Elective courses have no prerequisites and may be taken by any EHS student, even those not enrolled in the PLTW program.

TECHNOLOGY EDUCATION

ROBOTICS

1 CREDIT

This course will take students through the process of designing, building, and programming a task-oriented robot. Students will learn how the field of robotics has impacted society and how humans utilize machines to solve problems. This course requires a solid math background.

Recommended Grade Level: 9-12

Prerequisite: None

Final Assessment: Project

WOODS

1 CREDIT

Woods provides information and experience in the ways humans convert materials. This project-oriented course deals with hand tools, power tools, shop safety, and technical drawing for production. Students will perform calculations and use the English measurement system. Woods is also a material processing course where students will create challenging wood projects using power tools. Safety and craftsmanship are emphasized while students learn advanced wood processing techniques.

Recommended Grade Level: 9-12

Prerequisite: None

Final Assessment: Project

GAMING CONCEPTS: FUNDAMENTALS

1 CREDIT

This course helps provide students a digital framework through an esports lens. Students will explore the history of esports, learn genres of games, practice good gamer health, learn basic technology information and hands-on troubleshooting, explore college and career readiness with a technology focus, engage in digital citizenship, preventative mental health, teamwork, journaling and reflection.

Recommended Grade Level: 9-12

EXPLORING INTERACTIVE MEDIA AND ESPORTS TOPICS

1 CREDIT

This is a project-based course that allows students to view and create digital media through an esports lens. Students will creatively express themselves through hands-on experiences with digital graphics, print media, computer animation, audio production, video production, web design and other newly-emerging forms of digital media. Using industry standard tools and techniques, students will create digital media projects while learning to facilitate meetings, serve as team leaders, manage project timelines, give and receive constructive criticism, and produce professional products. Reflective journaling, media literacy and ethics, as well as embedded social emotional learning also enhance the course and contribute to student mental health.

Recommended Grade Level: 10-12

PROJECT LEAD THE WAY COURSES

Students can earn 3 college credits at the Rochester Institute of Technology in several PLTW courses (IED, CSP, CIM, CEA, DE, POE). Credits are awarded based on the students' grades as well as their performance on the final exam. Qualifying students and their families will be notified by mail at the conclusion of the course and may purchase the 3 credits from RIT. Completion of the PLTW sequence requires IED, POE, EDD and any other 2 PLTW elective courses.

INTRODUCTION TO ENGINEERING DESIGN (IED)

1 CREDIT

Using sketching and 3-D computer modeling software, students learn the design process, and they solve design problems as they develop, analyze, and create product models. IED combines both math and science theory and applies them in the design process. This course fulfills the NYS Fine Arts and DDP requirement. For students considering the pre-engineering Project Lead the Way Certification, this is the first in a sequence of five required classes. It is also the required foundation course for nearly all other Project Lead the Way courses.

Recommended Grade Level: 9

Prerequisite: None

Final Assessment: PLTW exam

TECHNOLOGY EDUCATION

COMPUTER SCIENCE PRINCIPLES (CSP)

1 CREDIT

This course aims to develop computational thinking, generate excitement about career paths that utilize computing, and introduce professional tools that foster creativity and collaboration. CSE helps students develop programming expertise and explore the workings of the Internet. Projects and problems include app development, visualization of data, cybersecurity, and simulation.

Recommended Grade Level: 11 or 12

Prerequisite: None

Final Assessment: PLTW exam

CIVIL ENGINEERING AND ARCHITECTURE (CEA)

1 CREDIT

Civil Engineering and Architecture introduces students to the construction and design of residential and commercial buildings. By utilizing the latest architectural modeling software (Autodesk Revit) and physical models, students can explore architectural styles and apply this knowledge when creating their own building designs. The course includes a tour of the many elements involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

Recommended Grade Level: 10-12

Prerequisite: IED recommended

Final Assessment: PLTW exam

DIGITAL ELECTRONICS (DE)

1 CREDIT

Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras and high-definition televisions. The major focus of the DE course is to expose students to the process of combinational and sequential logic design, teamwork, communication methods, engineering standards, and technical documentation.

Recommended Grade Level: 10-12

Prerequisite: None

Final Assessment: PLTW exam

COMPUTER INTEGRATED MANUFACTURING (CIM)

1 CREDIT

Students answer the following questions: How are things made? What processes go into creating products? Is the process for making a water bottle the same as it is for a musical instrument? How do assembly lines work? How has automation changed the face of manufacturing? As students find the answers to these questions, they learn about the history of manufacturing, a sampling of manufacturing processes, robotics, and automation. The course is built around several key concepts, including computer modeling, Computer Numeric Control (CNC) equipment, Computer Aided Manufacturing (CAM) software, robotics and flexible manufacturing systems.

Recommended Grade Level: 10-12

Prerequisite: IED recommended

Final Assessment: PLTW exam

IB PERSONAL & PROFESSIONAL SKILLS (PPS)

1/2 CREDIT

Emphasizes the development of transferable skills needed to operate successfully in society. The IB Personal & Professional Skills course is placed in the context of engineering and will emphasize critical thinking, personal and interpersonal development, problem-solving, and the acquisition of practical skills. Students will apply these skills to activities that directly relate to their individually chosen career path.

Recommended Grade Level: 12

Prerequisite: None

Final Assessment: PLTW exam

TECHNOLOGY EDUCATION

This project-based course builds on the prior knowledge established in previous PLTW classes by giving students an opportunity to design, build, and apply solutions to various engineering problems. It will introduce students to the various engineering concepts they will encounter in a postsecondary engineering program and allow them to explore the range of technical careers present today. The course will simulate a variety of engineering challenges that will require creativity, problem solving skills, and interpersonal communication to solve.

Recommended Grade Level: 11-12

Prerequisite: IED

Final Assessment: PLTW exam

ENGINEERING DESIGN AND DEVELOPMENT (EDD)

1 CREDIT

This is a research course that requires students to formulate the solution to an open-ended engineering problem. With skills gained in their previous courses, students create detailed documentation to support their proposed design solution, and build a testable, working prototype. As students prepare for college and careers, they will develop skills in professional presentation and collaboration.

Recommended Grade Level: 12

Prerequisite: IED, POE, and 2 other PLTW electives

Final Assessment: Project

WORLD LANGUAGES

INDEX	
Courses always Offered	Credits
Spanish I	1 credit
French II/Spanish II	1 credit
French III/Spanish III*	1 credit
French IV/Spanish IV*	1 credit
French V/Spanish V*	1 credit

*DUAL ENROLLMENT PROGRAMS

The East Irondequoit CSD offers Monroe Community College Dual enrollment classes which are meant to prepare students for college and career readiness. These courses provide students the opportunity to earn both high school and MCC college credit. Students are required to successfully complete the course, and in some instances meet prerequisites to earn college credit in addition to their high school credits. There is a fee associated with

Students must successfully complete one unit of World Languages study in order to satisfy the basic NYS graduation requirements and three units to earn a Regents Diploma with Advanced Designation. It is highly recommended for all students to complete a sequence in a world language through grade 12, especially for those pursuing a college degree after graduation. A communicative approach is used at all levels of language study, stressing the student's ability to interact with others in the target language in an authentic context. These courses are taught in the target language so as to maximize the student's exposure to and practice in the language being learned. The world languages offered include French, Italian and Spanish.

SPANISH I - CHECKPOINT A

1 CREDIT

Students learn to communicate in spoken and written form at the introductory level and are exposed to the cultures of the target language. Successful completion of a level I course, 7th grade 1A and 8th grade 1B is a NYS graduation requirement for all students. The credit can be earned either by successfully completing two academic years of language study at the middle school and passing checkpoint A exam, or by completing level I at the high school. Spanish I is regularly offered at the high school. Spanish I is offered for students who have been previously enrolled in Spanish but did not meet the criteria to earn credit.

Recommended grade level: 9

Prerequisite: none

Final assessment: Checkpoint A exam

FRENCH II/SPANISH II

1 CREDIT

This is the first year of a two-year sequence culminating in the completion of the level III course. Using the foundation provided in level I, students will begin to develop mastery of the four main skills of reading, writing, listening and speaking at the intermediate level. Greater emphasis is placed upon accuracy, fluency, and cultural competency.

Recommended Grade Level: 9

Prerequisite: Successful completion of Language I

Final Assessment: Local exam

FRENCH III/SPANISH III - CHECKPOINT B

1 CREDIT

MCC DUAL CREDIT (SPA101, FRE101)

3 CREDITS

This is the second year of a two-year sequence. Students will continue to develop mastery of the four main skills at the intermediate level. Accuracy, fluency, and cultural competency continue to play a major role in developing the student's ability to communicate in the target language. The successful completion of this course allows students to be eligible for the Regents Diploma with Advanced Designation. Parents may choose to enroll students in the MCC Dual enrollment program. A minimum score of 75%, course grade and exam, allows the students to earn three college credits from MCC, transferable to many colleges and universities.

Recommended Grade Level: 10

Prerequisite: Successful completion of Language II

Final Assessment: Checkpoint B exam

WORLD LANGUAGES

FRENCH IV/SPANISH IV CHECKPOINT C MCC DUAL CREDIT (FRE102/SPA102)

**1 CREDIT
3 CREDITS**

This is the first year of a two-year sequence designed to prepare students for post-secondary studies, traveling and study abroad. Students continue to develop mastery in the four main skills using higher-level thinking skills, increasingly autonomous work, and self-motivation. Parents may choose to enroll students in the MCC Dual enrollment program (FRE 102/SPA 102). A minimum score of 75%, course grade and exam, allows the students to earn three college credits from MCC, transferable to many colleges and universities.

Recommended Grade Level: 11

Prerequisite: Language III

Final Assessment: Local exam and/or MCC 102 final exam

FRENCH V/SPANISH V MCC DUAL CREDIT (FRE 103/SPA103)

**1 CREDIT
3 CREDITS**

This is the final year of the advanced sequence which prepares students for the intensity of college level coursework, traveling and study abroad. Students continue to develop mastery in the four main skills using higher-level thinking skills, increasingly autonomous work, and self-motivation. Parents may choose to enroll students in the MCC Dual enrollment program (FRE/103/SPA 103). A minimum score of 75% (course grade and final exam) allows the students to earn three college credits from MCC, transferable to many colleges and universities.

Recommended Grade Level: 12

Prerequisite: Language IV

Final Assessment: Local exam and/or MCC 103 final exam



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