

# COURSE DESCRIPTION BOOK

## 2022-2023

Dear Student:

Attached is your 2022-2023 Western Reserve Course Description Booklet. You will find information on the following pages helpful in planning your educational experiences at Western Reserve High School. Please bear in mind that course selections are not only important during high school years, but should include an awareness of things to come after graduation.

As you plan ahead, use this booklet to answer important questions such as:

1. Am I meeting the requirements of each year for graduation?
2. Am I preparing adequately for post-high school education or for a good job?
3. Am I choosing courses most appropriate to my interests and abilities?

The Administration and the Guidance Department encourages you to request their assistance in this planning. If you or your parents have questions regarding the scheduling process, feel free to contact Mrs. Matos or Mr. Gorby. It is also suggested that you consult with teachers regarding concerns that you have pertaining to their respective subjects.

### Traditional overview of Scheduling Requirements: \*Indicates Ohio State Testing Area

#### 9th grade required courses

English 9  
Integrated Science  
Algebra 1\*  
US/World History I Online  
Physical Education 9  
Global Logistics- Business  
Financial Literacy (or 10th grade)

#### 10th grade required courses

English 10\*  
Geometry\*  
US/World History II\*  
Physical Education 10  
Biology\*  
Health

#### 11th grade required courses

English 11 Novels or English CCP  
American Government\*  
Algebra II  
Chemistry, Physics, Anatomy & Physiology, or Integrated Science II

#### 12th grade required courses

English 12 Novels *or* English 12 CCP  
Senior Social Studies  
12th grade Math Course

*\*Plus a variety of electives. Minimum 4.5 elective credits to graduate INCLUDING one full Fine Art credit: Band, Choir, Art 2,3,4 are all one credit. Additional Art options are .50 credit. See bottom of page.*

#### **If College Prep:**

2 years minimum of a same Foreign Language, 3 years is recommended and required for Honors Diploma

\*ONLY 1 PERIOD OF STUDY HALL PERMITTED 9th-11th Grade; MAXIMUM 1.5 STUDY HALLS Senior Year.

### **REQUIREMENTS FOR GRADUATION**

1. 22 UNITS of credit shall be required for graduation. This is the first step, of three, towards graduation. In addition, students must show competency and readiness. You may review the Graduation Planning Document for further details located on Mrs. Matos's website under the School Counselor Tab.

2. The MINIMUM Credit requirements for a regular high school student shall be:

English.....	4 credits
Math.....	4 credits
Social Studies.....	4 credits
Science.....	3 credits
Business.....	1 Credit (Global Logistics)
Financial Literacy.....	½ Credit (Class of 2026 and younger)
Physical Education .....	½ credit (2 semesters over two years)
Health.....	½ credit
Electives.....	<u>4.5 credits</u>
<b>TOTAL.....</b>	<b>22 credits</b>

3. The minimum requirements for a student attending the Mahoning County Career and Technical School shall be the same as above except only 3 credits of Social Studies are required.

*All students must complete at least two semesters of fine arts (Art, Band or Choir) taken any time in grades 7-12. Fine arts is not a requirement for students following a career-technical pathway.*

## ENGLISH (Minimum 4 Credits Required for graduation)

Grade 9 & 10	Description	Prerequisite
<b>ENGLISH 9</b> <i>1.00 Credit</i>	This course covers basic language skills, reading comprehension, written expression, interpretive skills, grammar, and a formal style of writing. The texts students will read will be both American and British and are geared towards higher levels of thinking. The writing process is a major focus. Some of the pieces that the students will be writing include: literary analysis, persuasive, narrative, and research-based informational writing. Students will be required to practice and demonstrate public speaking and listening skills. Technology will be utilized in this course as a point of emphasis.	
<b>ENGLISH 10</b> <i>1.00 Credit</i>  <i>*End of Course            State Test            Competency Score            684</i>	Emphasis in this course is on literature interpretation, nonfiction comprehension, response writing, grammar, and research. Literary studies include texts in a variety of genres. Students compose various types of essays such as research, persuasive, creative, and literary analysis. Writing benchmarks do not change from freshman year except the use of anchor texts that become more difficult and expectations and requirements increase.	English 9
Gr. 11/12 Required Gr. 9/10 Electives	Description	Prerequisite
<b>ENGLISH 11/12            CRIME NOVELS</b> <b>.50 Credit</b>  (Or, if eligible, CCP English-see next page)	The genre focus of this course is based on 6 novels involving various fiction and nonfiction crime stories. During the semester students will learn to analyze literary devices, themes and characterization. Assessments will be a mixture of discussion questions, quizzes, tests, projects, oral presentations, and compositions.	
<b>ENGLISH 11/12            WAR NOVELS</b> <b>.50 Credit</b>  (Or, if eligible, CCP English-see next page)	The genre focus of this course is based on novels involving America's role in various wars. There will be a mixture of fiction and nonfiction. During the semester students will learn to analyze literary devices, themes and characterization. Assessments will be a mixture of discussion questions, quizzes, tests, projects, oral presentations, and compositions.	
<b>ENGLISH 11/12            GOTHIC NOVELS</b> <b>.50 Credit</b>	The genre focus of this course is based on 6 novels involving gothic and monster literature. During the semester students will learn to analyze literary devices, themes and characterization. Assessments will be a mixture of discussion questions, quizzes, tests, projects, oral presentations, and compositions.	
<b>ENGLISH 11/12            SPORTS NOVELS</b> <b>.50 Credit</b>	The genre focus of this course is based on 6 novels involving 6 different sports. During the semester students will learn to analyze literary devices, themes and characterization. Assessments will be a mixture of discussion questions, quizzes, tests, projects, oral presentations, and compositions.	

## ENGLISH CCP COURSES (Grades 11-12, CCP Eligible Students)

At a minimum, students desiring to use Kent State CCP as your English requirement for graduation must take 1 Writing and 1 Literature per year.

Students not eligible or not wishing to take a class for college credit should schedule English 11 or English 12

Grades 11-12	Description	Prerequisite
<b>College Writing I</b> <i>1.00 HS Credit</i> <b>Kent State University</b> <i>3 Semester Hours</i> <i>ENG 11011</i>	The study and practice of academic writing, including an introduction to rhetorical principles, the writing process, critical reading, research, and technology. This course will be available to Juniors and Seniors. This is a single semester course. <b>FALL 2022</b>	-ACT remediation free score -Meet designated Deadlines -English 9 and 10
<b>College Writing II</b> <i>1.00 HS Credit</i> <b>Kent State University</b> <i>3 Semester Hours</i> <i>ENG 21011</i>	Continuation of college-level writing instruction with emphasis on research and inquiry, culminating in a lengthy written and/or multi-modal project. Students who meet the requirements to take this course may receive 3 semester hours from Kent State University. <b>This course will be available to Seniors only.</b> This is a single semester course. <b>SPRING 2023</b>	ENG 11011 English 9 and 10
<b>Great Books to 1700</b> <i>1.00 HS Credit</i> <b>Kent State University</b> <i>3 Semester Hours</i> <i>ENG 22071</i>	Great works of world literature read in English, from the ancient world to 1700, covering a wide range of ethnic and national voices, genres and traditions. Students who meet the requirements to take this course may receive 3 semester hours from Kent State University. This is a single semester course. This course meets the High School literature requirement for students completing CCP courses at Western Reserve. <b>FALL 2023</b>	-Meet eligibility rqmts. -Meet designated deadlines
<b>Major Modern Writers: British and United States</b> <i>1.00 HS Credit</i> <b>Kent State University</b> <i>3 Semester Hours</i> <i>ENG 22073</i>	Introduction to British and U.S. writers of the 20th and 21st centuries; study of their works in their literary and cultural contexts. Students who meet the requirements to take this course may receive 3 semester hours from Kent State University. This is a single semester course. <b>SPRING 2024</b>	-Meet eligibility rqmts. -Meet designated deadlines
<b>Introduction to Shakespeare</b> <i>1.00 HS Credit</i> <b>Kent State University</b> <i>3 Semester Hours</i> <i>ENG 21054</i>	Study of representative plays and poems in the context of Shakespeare's age, his language and his cultural influence. Students who meet the requirements to take this course may receive 3 semester hours from Kent State University. This is a single semester course. This course serves as an English ELECTIVE Credit. <b>FALL 2022</b>	-Meet eligibility rqmts. -Meet designated deadlines
<b>Great Books Since 1700</b> <i>1.00 HS Credit</i> <b>Kent State University</b> <i>3 Semester Hours</i> <i>ENG 22072</i>	Great works of world literature read in English, from 1700 to today, covering a wide range of ethnic and national voices, genres and traditions. Students who meet the requirements to take this course may receive 3 semester hours from Kent State University. This is a single semester course. This course meets the High School literature requirement for students completing CCP courses at Western Reserve (the second half of the writing course) <b>SPRING 2023</b>	-Meet eligibility rqmts. -Meet designated deadlines

## MATHEMATICS (Minimum 4 Credits required for Graduation)

Grade 9	Description	Prerequisite
<b>Algebra I</b> 1.00 Credit *End of Course State Test Competency Score 684	Algebra I is the first year of a three-year high school math sequence. It includes the concept of real number properties, graphing, functions, factoring, and data-analysis. A great deal of time is spent on solving equations and inequalities, verbal problems, problem solving strategies, and applications. <b>*TI-Inspire CX series calculator is <u>required</u>.</b>	
Grade 10	Description	Prerequisite
<b>Plane Geometry</b> 1.00 credit *End of Course State Exam	Elements of geometry include set theory, number lines, angles and their measure, reasoning and logic and their application to formal proofs related to angles, parallel lines and planes, triangles, other polygons and circles, areas and volumes of geometric figures. Transformations such as reflections, rotations, translations, and dilations will be explored. Also, construction problems using a compass will be taught. Some trigonometry will also be explored with problem solving. <b>(May take as a freshman if Algebra I was taken during the 8th grade year)</b> <b>*TI-Inspire CX series calculator is <u>required</u>.</b>	Algebra 1
Grade 11	Description	Prerequisite
<b>Algebra II</b> 1.00 credit	This is the third course in the three-year high school math sequence. Topics presented will continue and go beyond the ideas and concepts of Algebra I, so a deeper understanding can be developed. Graphing techniques and computer spreadsheets will begin to be explored. Students will begin to see the power of mathematics as they start to use mathematics in solving real-world problems along with practical applications. <b>(May take as a sophomore if Geometry was taken during the 9th grade year)</b> <b>*TI-Inspire CX series calculator is <u>required</u></b>	Algebra I Geometry
Grade 11-12	Description	Prerequisite
<b>Pre-Calculus</b> 1.00 Credit	This course is recommended for college bound seniors that are typically not planning a math intensive career. (Engineering, some Sciences, Business/Accounting) but rather for a Liberal Arts curriculum (Education, Medical Sciences). This class will prepare students for College Algebra and other college mathematics. The class is technology-based using graphing calculators with a focus on Trig identities, linear functions, exponential functions, and probability and statistics. College Prep <b>*TI-Inspire CX series calculator is <u>required</u></b>	Algebra II/Geometry OR Taken concurrently <b>w/ Teacher Approval.</b>
<b>Statistics</b> 1.0 Credit	The purpose of this course is 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.	Algebra II/Geometry OR Taken concurrently <b>w/ Teacher Approval.</b>
Grade 12	Description	Prerequisite
<b>Senior Math</b> 1.00 Credit	This course is intended to be a continuation of the topics, ideas, and concepts of Algebra II. Many topics in Algebra II may not have been covered with much rigor or detail. This course will aim to cover many topics that require much more emphasis and time than was spent during their Algebra II junior year. Students taking this course are typically not planning on doing any college level work in their immediate future. <b>***ONLY consider taking if you have a C or below in Algebra 2 and Geometry.</b> <b>TI-Inspire CX series calculator is <u>required</u></b>	Algebra II

<b>Calculus</b> <i>1.00 Credit</i>	<p>This course is highly recommended for the college bound senior planning a career in math or science related field. It is intended to provide an excellent bridge between high school math and college math. It will also bridge the gap between Algebra II and Calculus, as some topics may not have been covered to their fullest in Algebra II. Calculus will be the main focus of the course, along with advanced graphing techniques and computer spreadsheets. Practical applications will continue to be presented to increase the students' appreciation of the power and uses of advanced mathematics. A TI-84 series calculator is needed and required.</p>	Pre-Calculus 3.0 GPA
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### SCIENCE (Minimum 3 years required for graduation, 4 years for Honors Diploma)

Grade 9	Description	Prerequisite
<b>Integrated Science I</b> <i>1.00 credit</i>	<p>Science is the key to understanding the world around us. This course will introduce students as to how scientists learn about the universe and how these methods can help students become more responsible citizens, employees, and decision-makers. The course will include exploration of scientific skills, physics, physical science, chemistry, and technological topics.</p>	
Grade 10	Description	Prerequisite
<b>Biology</b> <i>1.00 credit</i>  <i>*End of Course Exam- Diploma Seal Opportunity!</i>	<p>Create a family pedigree, learn to use a microscope, create animals for the future and create models of cells. Recognize biological terms, dissect a variety of animals, create your own magical theories and experience the circle of life everyday. It's a chance for all of us to play the hypothesis game. Why? Where? Which? What? How? When? Enjoy the science that allows you to actually see the squid, shark, turtle, and pig up close and personal. No previous requirements are necessary-just a strong stomach and weak nostrils at times. .</p>	
Grade 11 - 12	Description	Prerequisite
<b>Anatomy &amp; Physiology</b> <i>1.00 credit</i>	<p>This course involves the study of the structure and the functions of the major systems found in the human body. You will be able to answer many of the how's and why's of your own body. Emphasis will be placed on the following systems: integumentary, skeletal, muscular, respiratory, cardiovascular, and reproductive systems. Endocrine and nervous systems may also be covered. This is an exceptional course for future allied health and medical professionals. A background in Biology with a yearly average of C or better is highly recommended. Study skills will be honed and refined by the end of this exciting class.</p>	
<b>Chemistry</b> <i>1.00 credit</i>	<p>No fear, chemistry is here! Chemistry affects our lives every day. Learn to identify the formulas for vinegar, sugar, fingernail polish remover and many of your favorite things and more. Chemistry class allows you to take your mathematical skills and creativity to a new level. Make ice cream, silly putty, explode pop bottles and more. Strong math skills and a B or better in Biology is recommended.  <i>*Scientific calculator is required for this course.</i></p>	
<b>Integrated Science II</b> <i>1.00 credit</i>	<p>We will take your last two years of scientific knowledge a step further. This course allows students to explore topics in both the physical and life sciences. Weather, space exploration, stargazing, human anatomy and health are some of the units covered. In addition, we will look at environmental issues and gain an appreciation of the delicate balance of life on earth.</p>	
<b>Physics</b> <i>1.00 credit</i>	<p>Advanced high school level course. Inquiry-based experiences that engage students in asking valid scientific questions and gathering and analyzing information. We will utilize the math skills you have mastered, along with your critical thinking skills to work our way through the wonderful world of Physics. We will cover the basics (Newton's Laws) along with many upper level physics concepts.</p>	

## SOCIAL STUDIES (Minimum 4 years required for graduation)

Grade 9	Description	Prerequisite
<b>U.S. History/World History I</b> <i>1.00 credit</i>	This course covers the time period from the 1600's to Reconstruction. Events of American History will be studied within the realm of world events. It will involve the study of the major political, economic, military and social changes that took place during this time frame. This course is designed to instill a personal identity within the framework of the present American system and the attitudes and skills of the citizen able to participate in the nation's future. The format includes writing assignments, reading, outlines, lectures, group discussions, reports, projects, and cooperative group interactions.	
Grade 10	Description	Prerequisite
<b>U.S. History/World History II</b> <i>1.00 credit</i>  <i>*End of Course Exam-Diploma Seal Opportunity!</i>	This course covers the time period from World War I to the present. Events of American History will be studied within the realm of world events. It will involve the study of the major political, economic, military and social changes that took place during this time frame. This course is designed to instill a personal identity within the framework of the present American system and the attitudes and skills of the citizen able to participate in the nation's future. It will direct the student to become a citizen of the world and to take part in the many challenging activities being presented to them today. The format includes writing assignments, reading, outlines, lectures, group discussions, reports, projects, and cooperative group interactions.	USH/WH I
Grade 11	Description	Prerequisite
<b>American Government</b> <i>1.00 credit</i> <i>*End of Course Exam-Diploma Seal Opportunity!</i>	This course involves the study of the political and economic systems of the world, which major emphasis on the forms and processes of American Government from national to local level. The format is the same as U.S. History but with more emphasis on philosophy and theory. Individual rights and responsibilities are stressed, with a view toward creating an effective, contributing American citizen, who at the same time a ward of his individuality.	
Grade 12	Description	Prerequisite
<b>Senior Social Studies</b> <i>1.00 credit</i>	This course will integrate real world applications for life after graduation from high school. Including career exploration and financial literacy education among other life skill topics. Students will also work towards a Ohio Readiness Seal on their diploma which can be achieved by showing evidence of work readiness skills through the monitoring and guidance of community, school, and work mentors.	
Electives	Description	
<b>Holocaust Studies</b> <i>.50 Credit</i>	This course allows for students to be introduced to a more detailed account of the Holocaust, one of the worst human disasters and crimes against humanities to ever occur in our history. They will examine primary source documents from survivors including journal entries, photographs, drawings and other accounts. We will learn information from various sources including audio/video and other web sources that allow for an interactive exploration of the events. Class will consist of discussions, audio/visual presentations and opportunities to work collaboratively with classmates on assignments.	
<b>World Geography</b> <i>.50 Credit</i>	This course builds on your understanding of geography and spatial thinking. Contemporary issues are explored through the lens of geography. In addition to understanding where physical and cultural features are located and why those features are located as they are, you will examine the implications of these spatial arrangements. This course will use a variety of materials including online videos, interactive maps, as well as traditional maps and atlases. The course will include lecture, audio/visual presentation as well as the opportunity to work with one another to make new discoveries about the world around us.	

## Physical Education and Health (.50 Each PE and Health Required for graduation)

Grade 9 & 10	Description	Prerequisite
<p><b>Physical Education</b>  <i>.25 Credit            (1 Semester)</i></p> <p><i>*2 semesters required</i></p>	<p>Physical Education is a co-educational course offered for a semester. It involves the study and participation in various team and individual sports and activities. These include, but are not limited to, volleyball, badminton, golf, track and field, tennis, conditioning, basketball, soccer, and softball. Various contributions are found for each individual: developing improved health and physical fitness, increasing movement skills, socializing the individual, increasing knowledge and appreciation, and developing better use of free time.</p>	
Grade 10	Description	Prerequisite
<p><b>Health</b>  <i>.50 Credit</i></p>	<p>Health is the study of individual and community health and the relationship of each to society. Health is a combination of physical, mental, emotional, spiritual, and social well-being. It is also the ability to function effectively within man's environment. The health program will include information and develop concepts, attitudes, and behavior in the following areas:</p> <ol style="list-style-type: none"> <li>1. Physical Growth and Development</li> <li>2. Interpersonal Communication</li> <li>3. First Aid and Safety</li> <li>4. Chemical and Substance Use and Abuse</li> <li>5. Disease Prevention and Control</li> <li>6. Human Sexuality</li> <li>7. Decision Making</li> <li>8. Health Information, Technology, and Awareness</li> </ol>	

## FINE ARTS (Minimum 1 Fine Art credit required for graduation)

\*7th and 8th grade art may count towards graduation Fine Art credit, .25 credit per 9 weeks.

Grades 9-12	Description	Prerequisite
<b>ART 1</b> .50 credit	This is a general art course. All areas in Visual Art are emphasized-production of artwork, art history, and art criticism/aesthetics (Art Appreciation). A study of the elements (line, shape, texture, color, value, space, and form) and the Principles of Design (balance, unity, contrast, proportion, emphasis, pattern, movement, and rhythm) are explored through a variety of art projects. The type of media used includes pencil, pen and ink, marker, colored pencil, tempera paint, pastels, watercolor, clay, charcoal, acrylic paint, printmaking ink, and paper mache to include both 2-dimensional and 3-dimensional work. Also, students will work in the styles of realism, abstraction, and non-objective art. (Meets fine art requirement)	
<b>Graphic Design</b> .50 credit	Graphic Design will primarily be to introduce graphic design and the program used. We will cover the basic elements of graphic design. What graphic design is and what opportunities it will open in the future. Web design, printed material and package design will be a few areas covered in this course. We will introduce a variety of design and web based programs. (Photoshop, Illustrator, Xara). *Prerequisite for Advanced Graphic Design. *It would be advantageous for students taking web page class to have previously taken graphic design class.	
<b>Painting and Drawing</b> .50	Students explore media and techniques used to create a variety of 2-D artworks in drawing and painting. Students practice, sketch, and manipulate the structural elements of art.	
<b>Jewelry and Ceramics</b> .50	This course introduces students to ceramics as an art form and emphasizes each of the different types of hand-building techniques, various types of surface decoration methods, and firing processes. In addition, Students will use the elements of art and the principles of design to create jewelry.	
Grades 10-12	Description	Prerequisite
<b>ART II</b> 1.00 credit	Art II is a continuation of Art I with increased emphasis on Art History and Art Appreciation. The Elements and Principles of Design are approached in a more complex and "in-depth" manner. New media introduced are oil painting and silkscreen printing. Students will work in styles of realism, abstraction, and non-objective art. Reinforcement of drawing skills throughout the school year is achieved through a series of drawing projects which must be completed "outside" regular class time. Also, students will be required to create an art notebook of current events related to visual arts. (meets fine art requirement)	*Prerequisite course for 3D Art
Grades 11-12	Description	Prerequisite
<b>ART III</b> 1.00 credit	Art III is a continuation of Art II with the addition of an individual study plan. Students will have a structural class setting but will select most of their own projects. Drawing (including "the figure" and perspective), painting, a 3-dimensional project, an advertising/graphics project, and an art history project are requirements for all Art III students. Individual projects can include the following media: tempera paint, watercolor, oil paint, printmaking, fibers/stitchery, fabrics, collage, stencils, pastels/charcoal, and pen and ink calligraphy. Students completing Art III will have a thorough understanding of the Elements and Principles of Design. (meets fine art requirement)	
Grade 12	Description	Prerequisite
<b>ART IV</b> 1.00 credit	Art IV is a continuation of Art III with more emphasis on individualized instruction and the development of a portfolio of artwork. Drawing (the figure, still life), sculpture, painting, and art history are requirements for Art IV. Options for other projects include printmaking, advertising/graphics, fabric painting, ceramics, etching, linear perspective, interior design/architectural renderings. Students can choose to work in the styles of realism, abstraction, and non-objective art.	



	<b>Music FINE ART CREDIT Opportunities</b>	
<b>Band (7-12)</b> <i>1.50 credits</i>	<p>This is an all inclusive course covering both marching band and concert band. The marching band season starts in the summer and goes through the end of the football season. The marching band will prepare various styles of literature for performances at school and community functions. The concert band will perform multiple concerts a year, including participation in the Hubbard Festival of Bands. <i>*Meets Fine Art credit requirement. The marching band becomes a concert band for the 2nd, 3rd and 4th grading periods, and <b>cannot</b> be taken separately.</i></p>	
<b>Choir (8-12)</b> <i>1.00 credit</i>	<p>The objective of this course is to prepare various styles of vocal music for performance at concerts and various community events.  <i>*Meets Fine Art credit requirement. The course requires an audition to ensure each participant can match pitch.</i></p>	Audition*  (See Mrs. Shewell)

## GLOBAL LANGUAGES

*To understand and converse in a world language can be a very gratifying experience and also in today's world, a very necessary and advantageous ability. Students who desire to learn a second language should realize that they must first be well versed in their native tongue. Class size will have an effect on the number of students permitted to take Spanish or French.*

*One is not guaranteed to get in language selected as a first year course.*

### **SPANISH IS OFFERED AS A CCP COURSE-UPON ACCEPTANCE TO EASTERN GATEWAY COMMUNITY COLLEGE AND PLACEMENT TEST RESULTS**

*\*In order to be eligible for an Honors Diploma, one must have 3 years of one language or 2 years each of two languages.*

### SPANISH

Grade 9 - 12	Description	Prerequisite
<b>Spanish I</b> <i>1.00 Credit</i>	The first year of Spanish provides students with a basis for learning Spanish as it is spoken and written today. Major emphasis is given to developing the basic language skills - listening comprehension, speaking, reading and writing. Vocabulary and grammar instruction will teach students to pronounce words and phrases and to form grammatically correct questions and statements. The students will study diverse cultures and the people that make up the Spanish-speaking world.	Proficient in ELA (ie. Recommended by previous year ELA teacher)
<b>Grade 10 - 12</b>	<b>Description</b>	<b>Prerequisite</b>
<b>Spanish II</b> <i>1.00 Credit</i>	Spanish II is an intense study of grammar rules and verbs which give students the tools necessary to communicate in the past and future tenses. Journal writing is introduced and maintained in level II so that writing skills are refined and vocabulary is polished by the end of the year. The students also participate in a variety of activities that are designed to expose them to Spanish culture. *Prerequisite: Successful completion of Spanish I.	<b>Spanish I</b>
<b>Grade 11 - 12</b>	<b>Description</b>	<b>Prerequisite</b>
<b>Spanish III</b> <i>1.00 Credit</i>  <b>Or, if eligible, CCP Elementary Spanish 101/102</b>	Spanish III is a unique blend of conversation and culture. Students are expected to speak spontaneously about a variety of topics and shift tenses. Students are also expected to read with understanding and write with confidence. Oral conversation is the major emphasis in level III as students will discuss current events, personal opinions, career goals, etc. Students are introduced to the subjunctive mood, look briefly at Spanish literature and work on small group projects/presentations. *Prerequisite: Successful completion of Spanish II.	<b>Spanish II</b>
<b>Grade 12</b>	<b>Description</b>	<b>Prerequisite</b>
<b>Spanish IV</b> <i>1.00 Credit</i>  <b>Or, if eligible, CCP Intermediate Spanish 201/202</b>	Spanish IV is a "fine-tuning" of all concepts learned in levels I-III. Students will polish writing skills as they create a writing portfolio, gain confidence with speaking through oral presentations and improve reading comprehension through literature study. Level IV students read a novel as a culminating activity for the year. *Prerequisite: Successful completion of Spanish III.	<b>Spanish III</b>
<b>Elective</b>	<b>Description</b>	
<b>Hispanic Arts, Crafts, and Music</b> <i>.50 credit</i>	Art is <b>communication</b> ; it allows people from different cultures and different times to communicate with each other via images, sounds and stories. In <b>Hispanic Art, Crafts and Music</b> , we will experiment with traditional folk art and crafts along with music to gain knowledge and an understanding of other cultures.	

## French

Grade 9 - 12	Description	Prerequisite
<b>French I</b> <i>1.00 Credit</i>	<p>The first year of French provides students with a basis for learning French as it is spoken and written today. French I gives students a strong foundation in the basic skills of pronunciation, grammar, spoken communication in the present tense and reading and written expression in the target language. Vocabulary and grammar instruction, all taught through thematic units, will teach students to pronounce words and phrases and recognize the patterns of French pronunciation. Students will also learn to form sentences and questions in grammatically correct ways. In addition, students will study some of the diversity of cultures of France and francophone countries.</p>	
Grade 10 - 12	Description	Prerequisite
<b>French II</b> <i>1.00 Credit</i>	<p>French II is an intense study of grammar rules and verbs which gives students the tools necessary to communicate in both past and future tenses. A greater focus is placed on writing skills to refine vocabulary and proper sentence structure, and journaling is a requirement to polish writing skills. The students also participate in a variety of activities that are designed to expose them to French culture and culturally appropriate methods of communication. *Prerequisite: Successful completion of French I.</p>	<b>French I</b>
Grade 11 - 12	Description	Prerequisite
<b>French III</b> <i>1.00 Credit</i>	<p>French III reviews the grammar learned in French I and II and emphasizes special uses and expressions through thematic units. Oral and written proficiency is improved through the study of authentic literature, current events and beginning French literature. An emphasis on speaking and listening in the target language helps to guide the curriculum. The students also participate in a variety of activities that are designed to expose them to French culture and culturally appropriate methods of communication. *Prerequisite: Successful completion of French II.</p>	<b>French II</b>
Grade 12	Description	Prerequisite
<b>French IV</b> <i>1.00 Credit</i>	<p>French IV is a more in-depth continuation of French III, with regular reading and listening assignments. French IV is a "fine-tuning" of all concepts learned in French I-III. In this level, students will learn a variety of upper-level grammar techniques, to make their speaking and writing more fluent. There is a strong emphasis on speaking in the target language in class. Students work on independent and/or small group projects on a variety of topics through compositions, oral presentations, and classroom discussions. Students will also continue to explore authentic literature, art and music as well as devote time to the study of French history and current-day civilization. *Prerequisite: Successful completion of French III.</p>	<b>French III</b>

# Global Logistics

Grade 9 - 12	Description	Prerequisite
<p><b>Introduction to Logistics</b> Global Logistics &amp; Supply Chain Management <i>1.00 Credit</i></p> <p><b>COURSE 1</b></p>	<p>This course engages students in solving contextual problems related to the concepts of supply chains, warehouse location, contingency planning, insourcing and outsourcing, and expanding existing supply chains. These concepts form the basis of global logistics and supply chain management and help students understand how professionals examine options to maximize the use of resources across distribution networks.</p> <p><b>*Required Freshman Course</b></p>	
<p><b>Functional Areas in Logistics</b> <i>1.00 Credit</i></p> <p><b>COURSE 2</b></p>	<p>This basic course forces students to explore deeper understandings of the concepts they discovered in the previous course as they navigate projects on warehouse design, inventory management, transportation optimization, information technology, emergency responsiveness, and the supply chain for manufacturing. Students use their experiences in this course to discover ways in which professionals minimize the outlay of resources while improving efficiency and ability in the global market.</p>	Course 1
<p><b>Global Logistics Management</b> <i>1.00 Credit</i></p> <p><b>COURSE 3</b></p>	<p>This advanced course offers challenging projects that require students to look at the global implications of the industry in more earnest as they experiment with decisions over inter-modal transportation, route selection, international shipping regulations, emergency preparedness, cultural awareness, business ethics and international trade restrictions related to a distribution strategy. Students develop their understanding of the industry in this course and truly build their awareness of the challenges of doing business in a world with multiple borders that must be traversed.</p>	Course 1 & 2
<p><b>Logistics and Supply Chain Management</b> <i>1.00 Credit</i></p> <p><b>COURSE 4</b></p>	<p>This advanced course allows students to see the implications of all the concepts they learned in the previous three courses as they consider environmental impact, selecting business partners in a global and domestic chain, information technology and decisions regarding e-commerce. Students explore the ongoing need to balance dependability and resource outlay in meeting customer demands around the world. Projects will expand students' decision-making skills as they tackle issues related to transportation, distribution networks and manufacturing</p>	Course 1, 2, 3

## ELECTIVES

(Any course listed above beyond required credits in core classes may also be used towards elective credits)

### FAMILY & CONSUMER SCIENCE ELECTIVES

Grades 9-12*	Description	Prerequisite
<b>Principles of Food</b> <i>.50 Credit</i>	In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.  <i>*A class fee is required.</i>	
<b>Global Foods</b> <i>.50 Credit</i>	Students will expand cooking skills and information from Principles of Food. Students will apply advanced cooking techniques as they prepare a wide variety of foods. Various countries will be researched and foods will be prepared. The semester will end with a Foreign Foods Buffet. Each kitchen will be responsible for planning, preparing and serving foods of their choosing.  <i>*A class fee is required.</i>	Principles of Food
<b>Sewing</b>	Students will learn about the tools and equipment involved in sewing as well as how to safely utilize them. Basic hand sewing and machine sewing techniques. Students will work independently on projects. Students must supply any materials that are not available in the classroom.	
<b>Financial Literacy</b> <i>.50</i> <i>(Required starting Class of 2026)</i>	The course teaches foundational personal finance skills. These skills include how to earn and save money; manage money by being a wise consumer and creating and using a budget; manage bank accounts, investments, and credit; assess risks and use insurance; and address financial problems like identity theft and debt.	
Grades 11 & 12	Description	
<b>Child Development</b>	In this course, students will study the principles of child growth, development, and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, theories of development, learning styles and evaluating childcare services.  <b>Offered again 2023-2024</b>	

### Music Education ELECTIVES

Grade 9 - 12	Description	Prerequisite
<b>History of Rock and Roll</b> <i>.50 credit</i>	History of Rock and Roll exposes students to a wide variety of musical eras that influenced rock and roll as we know it. To explore the origins of Rock and Roll, styles such as Jazz, Blues, Funk, Country and even Pop are discussed. Students will study musical artists, styles and changes throughout music, all while making connections to various historical events going on in society at the time.	
<b>Piano Class</b> <i>.50 credit</i>	Students will learn introductory music theory and general music concepts through the use of pianos and keyboards. Content will include learning chords, scales and ultimately full length songs to be performed during playing tests throughout the course.	

## English Electives

Grade 9 - 12	Description	Prerequisite
<b>Contemporary Literature</b> <i>.50 credit</i>	This class is focused on the literary analysis of and writing critical essays on popular modern books. Books will be chosen that offer a rich context for literary analysis. Although English Festival books may be read in the course, participation in the English Festival is not required to take this course.	
<b>Creative Writing</b> <i>.50</i>	Creative Writing is a semester long course that explores different genres of writing, through both reading and writing, as well as the other necessary elements needed to improve writing and composition skills. This course is designed with the goal of inspiring students to develop original pieces and ideas.	

## Integrated and Computer Technology ELECTIVES

Grade 9 - 12	Description	Prerequisite
<b>Production Design</b> <i>1.00 credit</i>	Production Design will cover the basic setup and operation of a small business. Students will learn company areas of marketing, finance and operations. Designing, mass-producing, and selling printed items will be the focus. Students will learn what it takes to be an "entrepreneur" and start and run a business.	
<b>STEM</b> <i>1.00 credit</i>	STEM is a class based on the idea of educating students in four specific disciplines — science, technology, engineering and mathematics in an interdisciplinary and applied approach. This class will investigate a wide variety of STEM-related fields such as tools, circuitry, motorized devices, renewable energy & sustainable living all while encouraging the development of critical thinking skills, creativity and innovation while working through problem solving methods in a collaborative environment.	
<b>Television Production</b> <i>1.0 Credit</i>	The course aims to teach students how to produce and direct their own work, operate cameras and edit projects through the use of computer software. This is the first year offering this course. We hope to create fun, creative projects that benefit and inform the district and community!	
Grade 10 - 12	Description	Prerequisite
<b>Engineering Design and 3D Printing</b> <i>.50 Credit</i>	The focus of Engineering Design is the application of the engineering design process. Topics include work-processes, optimization methods, design optimization, and risk management tools. Students will use 2D and 3D modeling software to help them design solutions to solve proposed problems, document their work, and communicate solutions.	Algebra I Geometry  Analytical and math skills important
<b>Engineering Design 2</b>	As an extension of Engineering Design and 3D printing, students will dive deeper into the world of the design process. Additionally, students will interpret industry prints, and create working drawings from functional models. Emphasis is given to experimental problem solving in real systems. Project to be incorporated into class.	

## Business Education ELECTIVES

Grade 9-12	Description	Prerequisite
<b>Introduction to Business</b> <i>.50 Credit</i>	The study of domestic and international business operations including start-up, financing, management, and standard practices. Content based on National Business Education Association (NBEA) content standards.	
<b>Business 2</b> <i>.50 Credit</i>	A continuation of intro to business. More detailed work with actual business plans for an actual start up business. This course focuses on many hands on projects and real world scenarios pertaining to why businesses succeed and fail. emphasis on real world business problem solving. Group and individual hands on projects are main emphasis of this class.	Intro to Business
<b>Sports and Entertainment Marketing</b> <i>.50 Credit</i>	This course focuses on real world business perspectives using present day features concepts and activities used to promote today's sports and entertainment personalities movies and sporting events. The course will encompass the sport and entertainment industry and how important marketing strategies are to the industry today. Topics covered types of entertainment business products licensing movie marketing, branding, music promotion big name branding and licensing, Content should be based on National Business Education Association (NBEA) content standards.	
<b>Strategic Entrepreneurship</b> <i>.50 Credit</i>	Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target market profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business; Students will calculate and forecast costs, break-even, and sales. Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized. This class will also work on real life projects including t-shirt design and production plus our new stadium scoreboard marketing venue .	

## ADDITIONAL ELECTIVE OPTIONS

Grades 10-12	Description	Prerequisite
<b>Yearbook Production</b> <i>No Course Credit</i>	A course for <u>selected</u> students involved in: Photography, layout, typing, business and financial matters. <b>Students will be expected to obtain business ads which help support the yearbook and grades can be affected if ads are not secured. Class time is expected to be used for page production and participation and collaboration is also considered in determining students' grades.</b> The goal is to ensure publication of the yearbook. <b>***PRE- Approval by the instructor is mandatory.</b>	<b>Approval by Instructor</b>
<b>Leadership/ Mentor</b> <i>.50 Credit</i>  *Seniors (Juniors by approval)	Students approved for this course are scheduled an extra study hall at which time they are assigned to a younger student as a mentor/tutor/classroom assistant depending on yearly needs. The class is monitored with the use of Google Classroom. Responsible and self driven students can request this class. This is NOT a class to take lightly and has high expectations to follow through with responsibilities in order to earn a high grade.	
<b>Forensic Science</b> <i>.50 credit</i>	Forensic Science introduces the student to the field of crime scene investigation. The course integrates the applications of biology, chemistry, physics, environmental science, and computer science to explore the science of criminalistics. Students are taught the proper collection, preservation, and laboratory analysis of various samples.	
<b>Building Trades</b> Grades 11 and/or 12  1.0 Credit (Max. 2 Credits)	The main goals of this course are to emphasize tool and jobsite safety and to introduce students to the building trades. A strong focus should be on creating educational experiences where students can learn about union vs non-union careers, different trades, current and upcoming projects in your area, and have the opportunity to use this course as a springboard into a career. Examples of this include: Touring trades training facilities, bringing construction reps into your classroom, using local trades contacts to assist in instruction, tour construction site, emphasis on safe use of all tools, keeping in close contact with local companies that are hiring.	



# ACADEMIC HONORS DIPLOMA REQUIREMENTS

In January of 1993 the State Board of Education adopted rules regarding the criteria for awarding the Diploma with Honors to graduating seniors. The student who completes the college preparatory curriculum in high school must meet at least 7 of the following 8 criteria to qualify:

1. 4 units of English
2. 4 units of Math which must include competencies in Algebra I, Geometry, and Algebra II.
3. 4 units of Science, 2 of which must be advanced science
4. 4 units of Social Studies.
5. 3 units of 1 foreign language or 2 units of 2 foreign languages.
6. 1 unit in the fine/performing arts
7. Maintain a 3.5 cumulative GPA throughout their high school career.
8. Obtain a composite score of 27 on the ACT test or an equivalent score of 1280 on the SAT.

## COLLEGE CREDIT PLUS (CCP)

College credit may be awarded to qualified students through the College Credit Plus Program. Eligible students participate in the high school/college classes without leaving Western Reserve if they choose. Courses may also be taken on the college campus or through approved college online programs. Upon successful completion of the course(s) the students will receive both high school and college credits through the sponsoring university or college. Admission requirements may be individual to the university and will be communicated at CCP Orientation and Informational meeting each year.

3+ Semester Hours=1 High School Credit

Several ONLINE courses are available and can/will be scheduled with University Advisor upon scheduling. CCP

Students taking ONLINE courses are provided a "digital" period during the school day designated for online coursework.

Please refer to College Credit Plus information on the School website Counselor page and consult with the guidance department if you are interested in participating in CCP coursework.

**Course Planning Document** (Required course options noted in table)

<b>Minimum credit requirement in parenthesis</b>	<b>8th grade</b>	<b>Freshman</b>	<b>Sophomore</b>	<b>Junior</b>	<b>Senior</b>	<b>Summer School/ Credit Recovery</b>
<b>PE (.50)</b>		PE	PE			
<b>Health (.50)</b>			HEALTH			
<b>Math (4)</b>	Algebra 1	Algebra 1 <i>or</i> Geometry	Geometry <i>or</i> Algebra 2	Algebra 2 <i>or</i> Pre Calc <i>and/or</i> Statistics	Pre-Calculus <i>or</i> Senior Math <i>or</i> Calculus <i>or</i> Statistics	
<b>English (4)</b>		English 9	English 10	English 11 Novels <i>or</i> CCP English <i>(eligibility required)</i>	English 12 Novels <i>or</i> CCP English <i>(eligibility required)</i>	
<b>Science (3)</b>		Integrated Science 1	Biology	Integrated Science 2 <i>or</i> Anatomy/ Physiology <i>or</i> Chemistry <i>or</i> Physics	Integrated Science 2 <i>or</i> Anatomy/ Physiology <i>or</i> Chemistry <i>or</i> Physics	
<b>Social Studies (4)</b>		US/World 1	US/World 2	American Government	Senior Social Studies	
<b>Business (1.0)</b>		Intro to Global Logistics				
<b>Fine Art (1)</b>	MS Art 1 Quarter = .25 credit	Art options (.5) Band (1.0) Choir (1.0)				
<b>Electives</b>		Financial Literacy OR...	Financial Literacy			
<b>Foreign Language</b>						

