

Elmwood Park Memorial High School



Courses of Study
2023-2024

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- ELA**
- Math
- Science**
- Social Studies
- 21st Century
- Comp. Health & Phys. Ed.
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WELCOME

Welcome to the home of Elmwood Park Memorial High School's *Courses of Study*. Contained within this digital notebook you will find important information regarding high school credit and assessment requirements, program offerings, student schedule selection procedures, schedule change criteria and deadlines, a listing of course descriptions and offerings, and course progression options.



OUR MISSION

We are a community dedicated to creating an educational environment where students are empowered to exceed their potential through a challenging, innovative, and interdisciplinary curriculum. By fostering character, dignity, and respect for self and other cultures, students will become creative thinkers and global citizens able to thrive in a diverse and evolving society.

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WE BELIEVE...

- All students can learn.
- Good citizenship and appropriate societal values should be instilled.
- Maximum participation in a variety of learning experiences and co-curricular activities should be encouraged.
- Awareness of current health issues must be stressed.
- Individual dignity and sense of self-worth must be instilled in students and staff.
- Sufficient teaching tools and ability to exist in an innovative learning environment must occur for students and faculty.
- Creativity and positive risk-taking should be encouraged.
- Everyone has a right to a clean, safe, positive environment.
- Everyone has a right to be an individual and to be able to achieve at maximum potential in individual or group activities.
- Educators are role models and should be encouraged to grow professionally.
- The school system, community, and local governing bodies must work together in harmony and with a positive attitude.
- Societal changes must be recognized.
- Communication skills are vital.
- Changing technologies should be used as a teaching tool, as well as subject for study.
- Quality education includes efficiency.
- Pride in self, school community, and country should be instilled in all.

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GRADING INFORMATION**Method of computing final grades for the school year:**

- Semester Courses
 - 1st Marking Period 40%
 - 2nd Marking Period 40%
 - Exam 20%
- Full-year Courses
 - 1st Marking Period 22.5%
 - 2nd Marking Period 22.5%
 - 3rd Marking Period 22.5%
 - 4th Marking Period 22.5%
 - Final Exam 10%*

*In the event that final exams are not administered, the above stated percentages may be adjusted by the administration.

GRADES

When arriving at report card grades, only numerical grades are to be recorded for each marking period and may be interpreted as follows:

- 90-100: Excellent
80-89: Above Average
70-79: Average
65-69: Below Average
Below 65: Failure

The lowest numerical grade to be assigned to the report card for the first three marking periods will be 55. The grade assigned for the fourth marking period and the final examination will be that which the pupil actually earns.

Exception: The lowest numerical grade to be assigned to the report card for any marking period in Physical Education or Health classes is 55.

REQUIREMENTS FOR ELMWOOD PARK HIGH SCHOOL DIPLOMA

<i>SUBJECT AREA</i>	<i>HIGH SCHOOL GRADUATION REQUIREMENT</i>
English	20 credits (4 years)
Mathematics	15 credits (3 years) (e.g., Algebra I, Algebra II, Geometry)
Science	15 credits (3 years) (e.g., Environmental Science, Biology, Chemistry)
Social Studies	15 credits (3 years) (World History, U.S. History I, U.S. History II)
World Languages	5 credits (1 year)
Physical Education	Each year enrolled
Visual or Performing Arts	5 credits (1 year)
21st-Century Life and Careers	5 credits (1 year)
Financial Literacy	2.5 credits (1 semester)
State Assessment	See State Assessment Requirements.
Community Service	10 hours

COMMUNITY SERVICE REQUIREMENT

All senior students, who are on track to graduate this school year, are required to complete a minimum ten (10) hours of community service projects as a requirement to graduate from Memorial High School. Students will be provided with specific instruction at the beginning of the school year as to the process associated with fulfilling this requirement. Numerous service projects are offered to the students (by various groups) throughout the year at the high school. Students who need help in fulfilling this requirement should seek assistance from their guidance counselor or an administrator. Students failing to fulfill this requirement will not have completed all the requirements for graduation.

OVERVIEW

COURSES TO FULFILL GRADUATION REQUIREMENTS

The following courses fulfill the 21st-Century Life and Careers requirement:

21st-Century Research & Technical Writing
Accounting
Business Management
Career Crusaders
Computer Applications
Concepts of Physical Fitness and Wellness
Creative Writing in the 21st Century
Forensic Science
Economics
Entrepreneurship
First Aid and Safety
Introduction to Computer Science
Introduction to Criminal Justice
Introduction to Sports Medicine
Journalism
Marketing
Option 2/CoOp Practical (seniors)
Senior Service
Statistics and Analytics in Sports

The following courses fulfill the Financial Literacy requirement:

Financial Literacy

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The following courses fulfill the Visual and Performing Arts requirement:

AP Art and Design

Art I

Art II

Cartooning

Ceramics

Design

Drawing and Watercolor

Instrumental Music/Band

Introduction to Theater Arts

Introduction to Theater Production

Introduction to Multimedia

Music Theory

Theater I

Vocal Performance I

Vocal Performance II

COURSE LEVEL RECOMMENDATION PROCEDURES

Recommendation for placement will depend on the following factors:

- Current academic achievement
- Multiple measures , including work-study habits, homework and classwork completion, effort, motivation, and maturity, as noted by teachers
- Upon request, evidence or artifacts of student work and/or audition process

The decision regarding a student's placement in any course will be made by the classroom teacher and the administration using the above criteria.

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STUDENT COURSE SELECTIONS

Students and parents are encouraged to review the Courses of Study and graduation requirements prior to making any course selections. Students are to adhere to the student course selection window of **1/10/23-1/20/23** for making all course selections. Counselors will be conducting student follow-up meetings starting in mid-January to review course selections.

COURSE SELECTION PROCESS:

Go to the high school website: <https://www.elmwoodparkschools.org/HS>

Log onto the student portal.



Student Portal

We are Crusaders for Our Kids

Welcome to the Elmwood Park Student Portal

To view your grades, fines, discipline records, etc, please log in to the student portal on the left.

Your code is your **1345studentID** (e.g: Student ID 123456 would be 1345123456). This never changes and will always be your username.

For new students, your password will be your Student ID number. Once you log in, you can change it to whatever you like.

If you have any questions about the Student Portal, please contact Mrs. Buffa at buffa@epps.org. Do you have a **technology** related inquiry? Please don't hesitate to contact the [Help Desk](#).

Have you filled a Mojo Help Desk ticket request? Check out the status by clicking [here](#). Don't forget to check your email for correspondence.

If you have questions regarding **scheduling**, please contact the *Guidance* office.

Username

Password

Sign in

Remember Me
[Forgot Password?](#)

- Locate the **Course Request** tab.
- Choose course electives by department.
 - Freshmen select 5 credits (choose at least 2 classes)
 - Sophomores choose up to 10 credits (choose at least 3 classes)
 - Juniors choose up to 10 credits (choose at least 3 classes)
 - Seniors choose up to 25 credits (choose at least 5 classes)
- Select electives by department.
 - Use the drop down box
 - Click the circle
- Students **MUST** set sub-priorities after selecting an elective.

COURSE REQUESTS

Choose your electives for the 2022/2023 school year. Juniors can choose up to **10 credits**.

Select electives by department

- Use the drop down box
- Click on the green circle with the white plus sign
- Prioritize each elective (1-5)
- Click on Set Priorities tab

Academic teachers will place juniors into the next level class. Keep in mind that Honors, AP, Design & level 3 or 4 foreign language classes require a teacher recommendation. Therefore, juniors will not be able to choose these classes.

A typical junior schedule includes: ELA3, US2, PE3/Health3, Algebra 2, Chemistry and a career elective.

Course requests for the 2022 - 2023 school year.

Course ID	Title	Department	Credits	Sub-Priority

CLICK to lock in your sub-priority selection.

Why is it important to set sub-priorities?

Setting sub-priorities lets the Guidance Department know what classes students wish to have scheduled in “priority order.” Selections must be set as 1, 2, and 3, and the priority number may NOT be used twice. In the example above, CERAMICS (sub-priority 1) is the first class that the system will attempt to schedule. If there is a conflict in creating the schedule, 20th CENTURY CONFLICTS (sub-priority 2) will be tried. Students should select and set 3 sub-priority electives in order to create a complete schedule, with courses of their choosing.

- Finalize Requests.
 - Course requests will be submitted to Guidance.
 - Students will NOT be able to make any changes on the student portal.

STUDENT COURSE REQUESTS MUST BE FINALIZED BY January 20, 2023.

SCHEDULE CHANGE INFORMATION & DEADLINES

Selecting courses is the combined responsibility of the student, parent, and counselor. A student’s schedule is the result of a prior planning process shaped by the student’s interests, educational needs, and goals. During that process, teachers will make student course recommendations, and students will make and prioritize elective choice requests. The results of this process are then used to build the master schedule, balance class sections, and manage teacher course loads.

Students are therefore expected to remain committed to choices made during the selection process. Students contemplating a course change should discuss their reasoning with their guidance counselor. All requests for schedule changes after students’ scheduling meetings with counselors will require teacher communication, parental consent, and approval by the supervisors and/or the principal. Changes are subject to established deadlines and space availability in the new course, and requests are granted due to specific reasons at the discretion of the administration.

CLASSES OF 2024–2027: [CLICK HERE TO VIEW HIGH SCHOOL GRADUATION ASSESSMENT REQUIREMENTS](#)

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OVERVIEW OF COURSE PATHWAYS

Optional “Course Pathways” are roadmaps designed to guide students and their families in making course selections that are aligned to their college and/or career goals.

These course progressions include the required courses, as well as electives, based on students’ interests and chosen areas of specialization.

Four main Course Pathways have been developed for implementation at Memorial High School. Information regarding each of these course progressions may be found on the pages that follow.

THE FOUR COURSE PATHWAYS AT MEMORIAL HIGH SCHOOL

AMSAT

Advanced Mathematics, Science, and Technology

BAM

Business Administration and Management

GLAPP

Government, Law, and Public Policy

VAPA

Visual and Performing Arts

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Advanced Mathematics, Science, and Technology (AMSAT)

	ELA	Math	Social Studies	Science	PE/Health	World Languages	Electives
Grade 9	ELA I OR ELA I Honors	Algebra I OR Algebra I Honors OR Geometry OR Geometry Honors	World History OR World History Honors	Environmental Science OR Biology OR Biology Honors	PE & Health 9	Spanish I OR Italian I	(½ year) Financial Literacy (Required) (½ year) Exploring Digital & Social Media OR (½ year) Financial Literacy (Required) (½ year) Introduction to Computer Science
Grade 10	ELA II OR ELA II Honors	Geometry OR Geometry Honors OR Algebra II OR Algebra II Honors	US History I OR US History I Honors	Biology OR Biology Honors OR Chemistry OR Chemistry Honors	PE & Driver's Education 10	Spanish II OR Italian II	Art I (required) OR 21st Century (required) (See next page for electives.)
Grade 11	ELA III OR ELA III Honors	Algebra II OR Algebra II Honors OR Pre-Calculus OR Pre-Calculus Honors	US History II OR US History II Honors OR AP US History	Chemistry OR Chemistry Honors OR AP Biology	PE & Health 11	Spanish III or Italian III OR Art I (required) OR 21st Century (required)	AMSAT Elective (full year/two ½-year courses)
Grade 12	ELA IV OR ELA IV Honors, OR AP English	Statistics & Trigonometry OR Pre-Calculus OR Pre-Calculus Honors OR Calculus OR AP Calculus OR AP Statistics	AMSAT Elective	Physics OR AP Chemistry OR Anatomy & Physiology	PE & Health 12	AP Spanish OR Art I (required) OR 21st Century (required) OR Free Elective(s)	AMSAT Elective (full year/two ½-year courses) (See next page for electives.)
Notes:							

AMSAT Electives

Full-Year Courses	Semester Courses
AP Calculus	Introduction to Computer Science*
AP Statistics	Exploring Digital & Social Media
AP Biology	Financial Literacy
AP Chemistry	Trigonometry
Physics	Statistics and Probability
Anatomy & Physiology	Forensic Science*
Computer Applications	Contemporary Issues in Science
Environmental Science	Statistics and Analytics in Sports*

*21st Century Life and Careers

Business Administration and Management (BAM)

	ELA	Math	Social Studies	Science	PE/Health	World Languages	Electives
Grade 9	ELA I OR ELA I Honors	Algebra I OR Algebra I Honors OR Geometry OR Geometry Honors	World History OR World History Honors	Environmental Science OR Biology OR Biology Honors	PE & Health 9	Spanish I OR Italian I	(½ year) Financial Literacy (Required) (½ year) Exploring Digital & Social Media OR (½ year) Financial Literacy (Required) (½ year) Entrepreneurship
Grade 10	ELA II OR ELA II Honors	Geometry OR Geometry Honors OR Algebra II OR Algebra II Honors	US History I OR US History I Honors	Biology OR Biology Honors OR Chemistry OR Chemistry Honors	PE & Driver's Education 10	Spanish II OR Italian II	Art I
Grade 11	ELA III OR ELA III Honors	Algebra II, OR Algebra II Honors OR Pre-Calculus OR Pre-Calculus Honors	US History II OR US History II Honors OR AP US History	Chemistry OR Chemistry Honors OR Concepts of Chemistry OR AP Biology	PE & Health 11	Spanish III OR Italian III OR Free Elective	(½ year) Business Management (½ year) Economics OR Accounting OR Marketing OR Computer Applications
Grade 12	ELA IV, ELA IV Honors, OR AP English	Statistics & Trig., OR Pre-Calculus OR Pre-Calculus Honors OR Calculus OR AP Calculus OR AP Statistics	Interdisciplinary Elective	Physics, AP Chemistry, Anatomy & Physiology, OR Free Elective	PE & Health 12	AP Spanish OR BAM Elective	Option 2 OR BAM Elective
Notes:							

BAM Electives

Full-Year Courses	Semester Courses
AP Statistics	Financial Literacy
Computer Applications	Public Speaking*
Accounting*	Economics*
Marketing*	Business Management
Psychology*	Introduction to Computer Science*
Journalism*	Statistics and Probability
21st Century Research and Technical Writing*	Exploring Digital and Social Media
	Entrepreneurship*
	Introduction to Law & Public Policy*
	Sociology
*21st Century Life and Careers	

Government, Law, and Public Policy (GLAPP)

	ELA	Math	Social Studies	Science	PE/Health	World Languages	Electives
Grade 9	ELA I OR ELA I Honors	Algebra I OR Algebra I Honors OR Geometry OR Geometry Honors	World History OR World History Honors	Environmental Science OR Biology OR Biology Honors	PE & Health 9	Spanish I OR Italian I	(½ year) Financial Literacy (Required) (½ year) Exploring Digital & Social Media OR (½ year) Financial Literacy (Required) (½ year) Introduction to Computer Science
Grade 10	ELA II OR ELA II Honors	Geometry OR Geometry Honors OR Algebra II OR Algebra II Honors	US History I OR US History I Honors	Biology, Biology Honors, OR Chemistry Honors	PE & Driver's Education 10	Spanish II OR Italian II	(½ year) Introduction to Law & Public Policy (½ year) Public Speaking
Grade 11	ELA III OR ELA III Honors	Algebra II, OR Algebra II Honors, OR Pre-Calculus OR Pre-Calculus Honors	US History II OR US History II Honors OR AP US History	Chemistry, Chemistry Honors, Concepts of Chemistry, OR AP Biology	PE & Health 11	Spanish III OR Italian III OR Visual and Performing Arts	Psychology OR Journalism OR Introduction to Criminal Justice
Grade 12	ELA IV, ELA IV Honors, OR AP English	Statistics & Trigonometry, Pre-Calculus, Pre-Calculus Honors, Calculus, AP Calculus, OR AP Statistics	American Government OR AP Government and Politics	Physics, AP Chemistry, Anatomy & Physiology, OR GLAPP Elective	PE & Health 12	AP Spanish OR Visual and Performing Arts OR Free Elective(s)	Full year GLAPP elective OR Two semester GLAPP electives (See next page for electives.)
Notes:							

Government, Law, and Public Policy (GLAPP) Electives

Full-Year Courses	Semester Courses
AP United States Government & Politics	Introduction to Law and Public Policy (required)*
AP European History	Public Speaking (required)*
American Government	Financial Literacy (required)*
Introduction to Criminal Justice*	Economics (required)*
Journalism*	Exploring Digital and Social Media
Psychology *	Sociology
	Comparative Religions
	International Relations
	Current Affairs
	Holocaust and Genocide Studies
*21st Century Life and Careers	

Visual and Performing Arts (VAPA) **Art - Advanced**

	ELA	Math	Social Studies	Science	PE/Health	World Languages	Electives
Grade 9	ELA I OR ELA I Honors	Algebra I OR Algebra I Honors OR Geometry OR Geometry Honors	World History OR World History Honors	Environmental Science OR Biology OR Biology Honors	PE & Health 9	Spanish I OR Italian I	Art I + Hybrid Financial Literacy (Full-Year/placement)
Grade 10	ELA II OR ELA II Honors	Geometry OR Geometry Honors OR Algebra II OR Algebra II Honors	US History I OR US History I Honors	Biology OR Biology Honors, OR Chemistry OR Chemistry Honors	PE & Driver's Education 10	Spanish II OR Italian II OR VAPA Elective(s) (See next page for electives.)	Art II
Grade 11	ELA III OR ELA III Honors	Algebra II, OR Algebra II Honors, OR Pre-Calculus OR Pre-Calculus Honors	US History II OR US History II Honors OR AP US History	Chemistry OR Chemistry Honors OR Concepts of Chemistry OR AP Biology	PE & Health 11	21st Century Life and Careers (required) (Marketing OR Journalism recommended)	Design
Grade 12	ELA IV OR ELA IV Honors OR AP English	Math Elective OR Multimedia OR Introduction to Theater Arts & Introduction to Theater Production	History Through Film	Physics OR AP Chemistry OR Anatomy & Physiology OR Multimedia OR Introduction to Theater Arts & Introduction to Theater Production	PE & Health 12	Free Elective	AP Art & Design

Visual and Performing Arts (VAPA) **Music - Instrumental**

	ELA	Math	Social Studies	Science	PE/Health	World Languages	Electives
Grade 9	ELA I OR ELA I Honors	Algebra I OR Geometry OR Geometry Honors	World History OR World History Honors	Environmental Science OR Biology OR Biology Honors	PE & Health 9	Spanish I OR Italian I	Art I + Hybrid Financial Literacy. (Full-Year/placement)
Grade 10	ELA II OR ELA II Honors	Geometry OR Geometry Honors OR Algebra II OR Algebra II Honors	US History I OR US History I Honors	Biology OR Biology Honors OR Chemistry OR Chemistry Honors	PE & Driver's Education 10	Spanish II OR Italian II OR Music Theory OR Introduction to Theater Arts & Introduction to Theater Production	Band II
Grade 11	ELA III OR ELA III Honors	Algebra II OR Algebra II Honors OR Pre-Calculus OR Pre-Calculus Honors	US History II OR US History II Honors OR AP US History	Chemistry OR Chemistry Honors OR Concepts of Chemistry OR AP Biology	PE & Health 11	Spanish II OR Italian II OR Music Theory OR Introduction to Theater Arts & Introduction to Theater Production OR Theater I	Band III
Grade 12	ELA IV OR ELA IV Honors OR AP English	Math Elective OR Music Theory OR Theater I / Theater II	21st Century Life and Careers (Accounting OR Marketing)	Physics OR AP Chemistry OR Anatomy & Physiology OR Multimedia OR Theater I OR Theater II	PE & Health 12	Free Elective	Band IV

Notes:

Visual and Performing Arts (VAPA) Music - Vocal

	ELA	Math	Social Studies	Science	PE/Health	World Languages	Electives
Grade 9	ELA I OR ELA I Honors	Algebra I OR Geometry OR Geometry Honors	World History OR World History Honors	Environmental Science OR Biology OR Biology Honors	PE & Health 9	Spanish I OR Italian I	Vocal Performance + Hybrid Financial Literacy (Full-Year/placement)
Grade 10	ELA II OR ELA II Honors	Geometry OR Geometry Honors OR Algebra II OR Algebra II Honors	US History I OR US History I Honors	Biology OR Biology Honors OR Chemistry OR Chemistry Honors	PE & Driver's Education 10	Spanish II OR Italian II OR Introduction to Theater Arts & Introduction to Theater Production	Vocal Performance II
Grade 11	ELA III OR ELA III Honors	Algebra II OR Algebra II Honors OR Pre-Calculus OR Pre-Calculus Honors	US History II OR US History II Honors OR AP US History	Chemistry OR Chemistry Honors OR Concepts of Chemistry OR AP Biology	PE & Health 11	Introduction to Theater Arts & Introduction to Theater Production OR Theater I	Vocal Performance III
Grade 12	ELA IV OR ELA IV Honors OR AP English	Math Elective OR Music Theory OR Theater I OR Theater II	21st Century Life and Careers (Accounting OR Marketing)	Physics OR AP Chemistry OR Anatomy & Physiology OR Multimedia OR Theater I OR Theater II OR Music Theory	PE & Health 12	Free Elective	Vocal Performance IV

Visual and Performing Arts (VAPA) Electives

Full-Year Courses	Semester Courses
Multimedia	Drawing and Watercolor
Music Theory	Ceramics
Band I-IV	Introduction to Theater Arts
Vocal Performance I-IV	Cartooning
Art I	Introduction to Theater Production
Art II	
Design	
AP Art & Design	
Theater I	
Theater II	
History Through Film	

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English Course Descriptions

*20 credits (4 years) of English are required for graduation.

ENGLISH LANGUAGE ARTS CORE COURSES

<u>AP Literature & Composition</u> Grade: 12 Credits: 5	Prerequisites: ELA III Honors/teacher's recommendation
<p>The definitive goal of this course is to engage students in the careful reading and critical analysis of imaginative literature. Accordingly, throughout the course students will be exposed to literature from both British and American writers, as well as works written in several genres from the sixteenth century to contemporary times. Upon the completion of this course, students will have addressed the following: historical and cultural connections and their impact on literature; structure, style, and themes found in prose and poetry; and elements such as figurative language, imagery, symbolism, and tone found in prose and poetry. Each novel, drama, and/or poem read will be discussed, critiqued, and analyzed thoroughly. After such critiques of literature in each unit, the students will be given sample and former <i>AP Literature and Composition</i> multiple-choice and essay tests to help them prepare for the actual exam in May.</p>	

<u>English Language Arts I</u> Grade: 9 Credits: 5	Prerequisites: None.
<p>In the ninth grade, students build on all that they have assimilated in earlier grades. They begin to expand their horizons and to focus on informational texts, nonfiction and fiction in order to study the human experiences and issues in the world around them. Through class discussion, close reading, and written response, students begin to evaluate and more deeply understand the real world. They continue to develop their writing skills and to work with writing as a process by evaluating their writing and the writing of others. Through focusing on explanatory and argumentative writing, and the effective use of thesis, they work towards the improvement of communication skills that will help prepare them for the workplace. Assessments will include book reports, research writing and class discussions, to prepare the students for the next three years of high school and beyond.</p>	

<u>English Language Arts I Honors</u> Grade: 9 Credits: 5	Prerequisites: English Language Arts 8 Honors / teacher recommendation
<p>In the ninth grade, students build on all that they have assimilated in earlier grades, and begin to expand their horizons and to focus on informational texts and nonfiction narratives along with the literature, to study the human experiences and issues in the world around them. Through class discussion, close reading, and written response, students begin to evaluate and more deeply understand the real world. They continue to develop their writing skills and to work with writing as a process. By focusing on explanatory and argumentative writing, and the effective use of thesis, they work towards the improvement of communication skills that will help prepare them for the workplace. Assessments will include reports, research essays and class discussions, to prepare the students for the next three years of high school and beyond. It is important for the honors students to realize that writing and reading create a loop that is a conversation between a writer and a reader. It is a rather strange dialogue, in which the writer must provide both parts, the call and the response. The writer must anticipate the questions and comments that the reader may have, and deal with these proactively. A good writer will also provide the reader with a variety of valid and strong examples that will illustrate his or her points. On the part of the good reader, the mention of other pieces of literature, art, history or cultural events should send the attentive reader off in pursuit of these other connections, to find the thoughts and information contained within them. Thus, the whole becomes a network of loops and connections that make the human need for communication of shared experience such a rich and valuable source of learning. The better we are at doing all of this, the more fully human and successful we can become.</p>	

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<p><u>English Language Arts II</u> Grade: 10 Credits: 5</p>	<p>Prerequisites: English Language Arts I</p>
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This course presents an overview of American literature from the Puritan period to the Contemporary period, which focuses on various types of adversity and conflicts, enabling students to read and analyze a challenging arrangement of fiction and nonfiction in the form of short stories, excerpts, essays, articles, novels and poetry. This course enables students to improve and continue to develop their grammar skills and prepare for future writing success in various situations. It is designed to foster higher-level thought and communication. The course is taught with a focus on mastering and reaching beyond the core curriculum standards, exploring various methods of critical thinking and utilizing media to augment the field of language arts. The writing curriculum in English Language Arts II is a comprehensive review of the skills necessary to improve writing, proofreading, revising and editing. This course will help students use writing processes to explore, think, learn and write appropriately for various tasks and audiences. All skills formerly addressed in grade nine improved upon at this level. Grammar, mechanics and usage are integral parts of the course studies, preparing the students for successful writing in their future courses of study. Students will recognize the importance of the basic structures while applying them in practice. Various technological applications are incorporated as a means of enhancing student projects and presentations. Participatory listening, active viewing, and public speaking will be provided in this course. Course content is aligned with the appropriate New Jersey Student Learning Standards.

<p><u>English Language Arts II Honors</u> Grade: 10 Credits: 5</p>	<p>Prerequisites: English Language Arts I / teacher recommendation</p>
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This course presents an overview of American literature from the Puritan period to the Contemporary period, which focuses on various types of adversity and conflicts, enabling students to read and analyze a challenging arrangement of fiction and nonfiction in the form of short stories, excerpts, essays, articles, novels and poetry. This course enables students to improve and continue to develop their grammar skills and prepare for future writing success in various situations. It is designed to foster higher-level thought and communication. The course is taught with a focus on mastering and reaching beyond the core curriculum standards, exploring various methods of critical thinking and utilizing media to augment the field of language arts. The writing curriculum in English Language Arts II is a comprehensive review of the skills necessary to improve writing, proofreading, revising and editing. This course will help students use writing processes to explore, think, learn and write appropriately for various tasks and audiences. All skills formerly addressed in grade nine improved upon at this level. Grammar, mechanics and usage are integral parts of the course studies, preparing the students for successful writing in their future courses of study. Students will recognize the importance of the basic structures while applying them in practice. Various technological applications are incorporated as a means of enhancing student projects and presentations. Participatory listening, active viewing, and public speaking will be provided in this course. Course content is aligned with the appropriate New Jersey Student Learning Standards.

English Language Arts III

Grade: 11
Credits: 5

Prerequisites: English Language Arts II

This course has been created to prepare students in becoming college and career ready through the study of British literature. Using the New Jersey Student Learning Standards to drive instruction, students will study various works from multiple literary time periods including Anglo-Saxon, Middle Ages, Renaissance, Romantic, Victorian, and Modern. A cumulative review of reading, writing, speaking, viewing, and listening skills is stressed throughout the course. Working independently and in groups, students will read and analyze a challenging arrangement of short stories, excerpts, essays, articles, novels, plays, and poetry that relate to the theme of good vs. evil. Students will recognize the importance of understanding the structure of language and apply this comprehension to written and verbal expression. Reinforcement in the basics of grammar, usage, sentence structure, and mechanics is included. Writing in this course provides a cumulative review of narrative, informative, and argumentative styles as well as a review of the rules for editing and revising. A research paper is required as part of this course. In learning the skills necessary to produce the paper, students will further develop their skills in organization, proper research methods, and the utilization of technological resources available to them. Various technological applications are incorporated as a means of enhancing 21st century skills as students strive to become engaged and empathetic members of a global society.

English Language Arts III Honors

Grade: 11
Credits: 5

Prerequisites: English Language Arts II Honors / teacher recommendation

This course has been created to prepare students in becoming college and career ready through the study of British literature. Using the New Jersey Student Learning Standards to drive instruction, students will study various works from multiple literary time periods including Anglo-Saxon, Middle Ages, Renaissance, Restoration, 18th Century, Romantic, Victorian, and Modern. A cumulative review of reading, writing, speaking, viewing, and listening skills is stressed throughout the course. Working independently and in groups, students will read and analyze a challenging arrangement of short stories, excerpts, essays, articles, novels, plays, and poetry that relate to the theme of good vs. evil. Students will recognize the importance of understanding the structure of language and apply this comprehension to written and verbal expression. Reinforcement in the basics of grammar, usage, sentence structure, and mechanics is included. Writing in this course provides a cumulative review of narrative, informative, and argumentative styles as well as a review of the rules for editing and revising. A research paper is required as part of this course. In learning the skills necessary to produce the paper, students will further develop their skills in organization, proper research methods, and the utilization of technological resources available to them. Various technological applications are incorporated as a means of enhancing 21st century skills as students strive to become engaged and empathetic members of a global society.

English Language Arts IV

Grade: 12
Credits: 5

Prerequisites: English Language Arts III

This course has been created to prepare students in becoming college and career ready through the study of world literature. Using the New Jersey Student Learning Standards to drive instruction, students will study various works from multiple literary time periods including Ancient Greece, the Renaissance, Romanticism, Realism and Modernism. A cumulative review of reading, writing, speaking, viewing, and listening skills is stressed throughout the course. Working independently and in groups, students will read and analyze a challenging arrangement of short stories, excerpts, essays, articles, novels, plays, and poetry that relate to the theme of survival. Students will recognize the importance of understanding the structure of language and apply this comprehension to written and verbal expression. Reinforcement in the basics of grammar, usage, sentence structure, and mechanics is included. Writing in this course provides a cumulative review of narrative, informative, and argumentative styles as well as a review of the rules for editing and revising. Various technological applications are incorporated as a means of enhancing 21st century skills as students strive to become engaged and empathetic members of a global society.

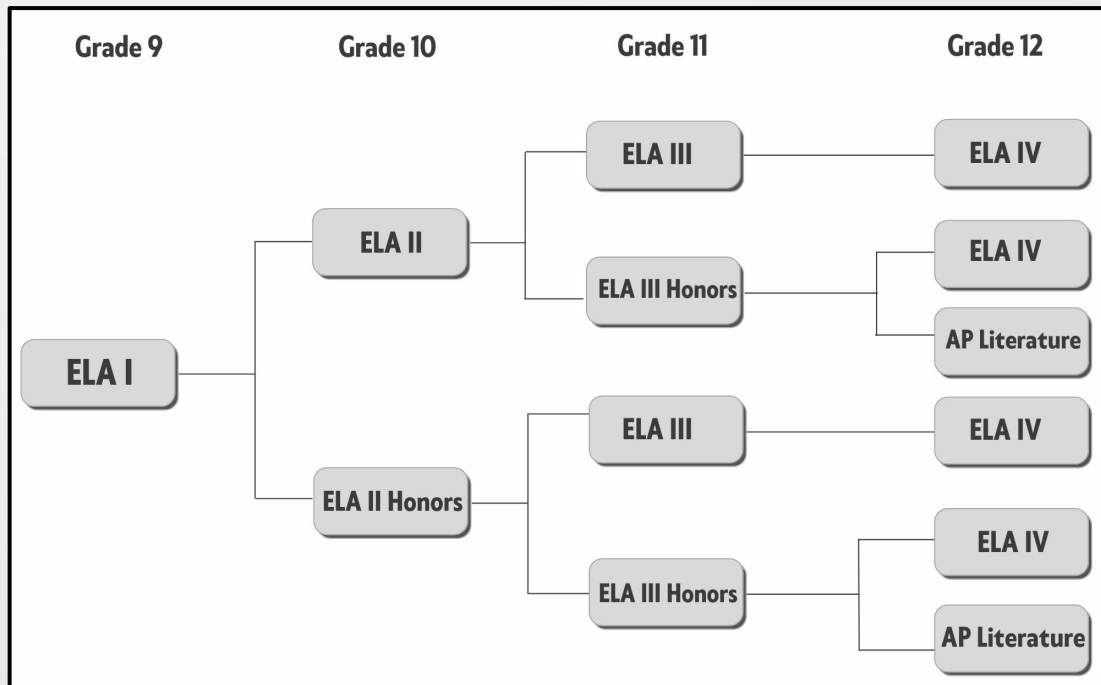
English Language Arts IV Honors

Grade: 12
Credits: 5

Prerequisites: English Language Arts III
Honors / teacher recommendation

This course has been created to prepare students in becoming college and career ready through the study of world literature. Using the New Jersey Student Learning Standards to drive instruction, students will study various works from multiple literary time periods including Ancient Greece, the Renaissance, Romanticism, Realism and Modernism. A cumulative review of reading, writing, speaking, viewing, and listening skills is stressed throughout the course. Working independently and in groups, students will read and analyze a challenging arrangement of short stories, excerpts, essays, articles, novels, plays, and poetry that relate to the theme of survival. Students will recognize the importance of understanding the structure of language and apply this comprehension to written and verbal expression. Reinforcement in the basics of grammar, usage, sentence structure, and mechanics is included. Writing in this course provides a cumulative review of narrative, informative, and argumentative styles as well as a review of the rules for editing and revising. Various technological applications are incorporated as a means of enhancing 21st century skills as students strive to become engaged and empathetic members of a global society.

ENGLISH LANGUAGE ARTS
ELECTIVES



Literature and the Media

Grades: 10, 11, 12
Credits: 5

Prerequisites: None.

This full year, 5-credit course is designed to encourage students to discover distinct and unique aspects of literature and the media. Students' current knowledge base and skill levels as digital citizens of the modern world will be employed. Through the lens of literature, students will be able to view the media and its impact on the world. In addition, students will develop an in-depth understanding of media literacy and the various ways in which society is impacted by technological advancements, media output, and corporate power shifts. Students will learn how notable literary works, including specific novels and plays, reflect society and act as a vehicle for change.

Mythology and Allusion

Grades: 10, 11, 12
Credits: 5

Prerequisites: None.

Mythology and Allusion is an elective course designed for students who enjoy mythology and its progression through literary history as it comes from the ancient world and is reused and adapted for the modern world. Students will explore ancient myths from many cultures and will explore corresponding treatments of that myth through both creative and analytical exercises, oral tradition and art. A variety of skills will be emphasized which support the New Jersey Student Learning Standards such as literary analysis, research writing, reflective writing, and public speaking.

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Math Course Descriptions

*15 credits (3 years) of Math are required for graduation.

<u>Algebra I</u> Grade: 9 Credits: 5	Prerequisites: Pre-Algebra 8
<p><i>Algebra I</i> takes the students beyond arithmetic and serves as a path to advanced mathematics. Key topics include variables, exponents, real numbers, equations, and inequalities, coordinate geometry, factoring, basic probability concepts and introductory statistical data analysis. Word problems (open-ended format) allow students to apply algebra to real world situations and career oriented applications. A key objective of this college preparatory course is to prepare the students for more rigorous study in higher mathematics courses, by providing the necessary foundations of algebraic concepts and skills. In order to accomplish this, emphasis will be placed on the following: developing number sense and an ability to represent numbers in a variety of forms; understanding, selecting, and applying various methods of performing numerical operations; using exponents; solving linear equations and inequalities; factoring expressions; developing spatial sense and an ability to use geometric properties and relationships; examining quadratic functions; introducing basic trigonometric functions; developing the understanding of patterns, relationships, and functions to analyze real-world problems; using statistical analysis and probability to describe data; applying the concepts of discrete mathematics to model and explore a variety of practical situations; and exploring and identifying career opportunities in the field of mathematics.</p>	

MATHEMATICS CORE COURSES

<u>Algebra I Honors</u> Grade: 9 Credits: 5	Prerequisites: Pre-Algebra 8 and teacher recommendation
<p>This course is offered to 9th grade students who meet the requirements for this rigorous course of study. Through an extension of previously learned concepts and skills, students will deepen and solidify their knowledge of algebra. In addition to teaching students the structures of algebra, this course will concentrate on applications of algebra in the real world. Students will become conversant in using mathematical vocabulary, notation, and structure to represent ideas, describe relationships, and model situations. Students will learn and practice applying algebraic concepts and skills through multiple representations. Course topics will include the study of functions, linear equations and inequalities, absolute value functions, exponential functions, properties of exponents, polynomials, number sets and radicals, quadratic functions, and statistics with regression modeling. Graphing calculators, test taking strategies, and real-life applications are used throughout the course.</p>	

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Algebra II

Grade: 10, 11, 12
Credits: 5

Prerequisites: Algebra I and Geometry

This full-year course builds upon the concepts learned in Algebra I and Geometry. It develops advanced mathematical abilities and strengthens higher order thinking skills. The course emphasizes applications in business, science and engineering. Topics such as logarithms and radical equations are explored; basic concepts of trigonometry, probability and statistics are introduced. The major topics include: modeling functions with linear relationships; examining and solving quadratic equations and functions, polynomial functions, exponential functions, logarithmic functions, trigonometric and rational functions; calculating probability and statistics, and evaluating arithmetic and geometric sequences and series. This course incorporates technology and other tools to pursue mathematical investigations, and to enhance, deepen, and extend understanding of mathematics. Students learn how to use technology as a tool for processing information, visualizing and solving problems, exploring and testing conjectures, accessing data, and verifying their solutions. The use of graphing calculators is mandatory and computer laboratory time is assigned. This course is a prerequisite for *Precalculus*. In preparation for the state assessments, students will be given formative and summative assessments throughout the course.

Algebra II Honors

Grade: 10, 11
Credits: 5

Prerequisites: Algebra I, Geometry, and teacher recommendation

This full-year course builds upon the concepts learned in *Algebra I* and *Geometry*. It develops advanced mathematical abilities and strengthens higher order thinking skills. *Algebra II Honors* is a rigorous course and will emphasize the applications of mathematics in business, science and engineering. Topics such as logarithms, radical equations and analytic geometry are explored; basic concepts of trigonometry, statistics and calculus are introduced, and discussed in terms of real-life and cross-curricular applications. The major topics include: modeling functions with linear relationships; examining and solving quadratic equations and functions, polynomial functions, exponential functions, logarithmic functions, trigonometric and rational functions; calculating probability and statistics, and evaluating arithmetic and geometric sequences and series. *Algebra II Honors* incorporates technology and other tools to pursue mathematical investigations, and to enhance, deepen, and extend understanding of mathematics. Students learn how to use technology as a tool for processing information, visualizing and solving problems, exploring and testing conjectures, accessing data, and verifying their solutions. The use of graphing calculators is mandatory and computer laboratory time is assigned. Significant time and independent effort are required outside the bounds of the classroom. This course is a prerequisite for *Precalculus*. In preparation for the state assessments, students will be given formative and summative assessments throughout the course.

MATHEMATICS
CORE COURSES

AP Calculus AB

Grades: 12
Credits: 5

Prerequisites: Pre-Calculus Honors and teacher recommendation

AP Calculus AB will focus on students' understanding of calculus concepts and provide experience with methods and applications. Through this full-year course, students will develop strategies for expressing concepts, results, and problems graphically, numerically, analytically, and verbally. Students will explore the following concepts: investigating limits using tables and graphs, evaluating limits analytically, derivatives and rates of change, estimating with finite sums, the definite integral, antiderivatives and indefinite integrals. This course will provide a thorough introduction to Calculus, similar to a first-semester, college-level Calculus course and will prepare students for the Advanced Placement Exam.

AP Statistics

Grades: 11, 12
Credits: 5

Prerequisites: Algebra II Honors and/or PreCalculus Honors, and teacher recommendation

This full year course focuses on the exploratory analysis of data that utilizes graphical and numerical techniques to study patterns and departures from patterns. Through this course, students will develop strategies for collecting, organizing, analyzing, and drawing conclusions from data. Well-developed plans to collect data and construct relevant models are reviewed, with statistical inference guiding the selection of them. Additionally, probability and simulations will aid students in constructing models for chance phenomena. The key topics of this course include measures of central tendency, measures of variability, graphical and statistical displays and analysis (i.e. frequency tables, scatter plots, dotplots, histograms and boxplots), random samplings, probability and normal distributions, confidence intervals and tests of significance. Students are expected to apply statistical techniques to real world situations and career-oriented applications. To develop statistical communication skills, students are required to prepare frequent written and oral analyses of experiments, observational studies, and graphical displays.

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Calculus

Grades: 12
Credits: 5

Prerequisites: Pre-Calculus and teacher recommendation

The purpose of this five-credit course is to present the concepts of a first-semester of college-level *Calculus*. Students begin on an intuitive level and move to a rigorous examination of these concepts. Topics explored include functions, limits, derivatives and techniques of integration. Applications to real world situations in science, engineering and business are stressed. This approach is intended to generate self-confidence in using mathematics in applied programs as well as developing an enthusiasm for further rigorous study of mathematics in college. This course contains college-level material. Extensive use is made of advanced graphing calculators and computer laboratory lessons are included.

Geometry

Grades: 9, 10
Credits: 5

Prerequisites: Algebra I and teacher recommendation for grade 9 course

The purpose of this full-year, five-credit course is to introduce students to geometric relationships and develop methods of inductive and deductive reasoning by which these relationships are discovered and mastered. Geometry is a branch of mathematics which investigates concepts concerning points, lines, planes, angles, triangles, polygons, circles and solids. Students gain an understanding and mastery of the meaning and nature of formal proofs. Real world applications are explored on a regular basis. Topics to be explored in depth include constructions, transformations, classifying quadrilaterals, triangle relationships, measuring plane figures, reasoning in parallel lines, proving triangles congruent, similarity, right triangle trigonometry and properties of circles. The use of scientific calculators is required and computer laboratory time is assigned. This course is a prerequisite for *Algebra II*. In preparation for the state assessments, students will be given formative and summative assessments throughout the course.

MATHEMATICS
CORE COURSES

Geometry Honors

Grades: 9, 10
Credits: 5

Prerequisites: Algebra I and teacher recommendation

The purpose of this full year, five-credit course is to introduce students to geometric relationships and develop methods of inductive and deductive reasoning by which these relationships are discovered and mastered. Geometry is a branch of mathematics, which investigates concepts concerning points, lines, planes, angles, triangles, polygons, circles and solids. Students gain an understanding and mastery of the meaning and nature of formal proofs. Real world applications are explored on a regular basis. Topics to be explored in depth include constructions, transformations, classifying quadrilaterals, triangle relationships, measuring plane figures, reasoning in parallel lines, proving triangles congruent, similarity, right triangle trigonometry and properties of circles. The use of scientific calculators is required and computer laboratory time is assigned. This course is a prerequisite for Algebra II Honors. In preparation for the state assessments, students will be given formative and summative assessments throughout the course.

Pre-Calculus

Grades: 11, 12
Credits: 5

Prerequisites: Algebra II and teacher recommendation

The purpose of this full-year, five-credit course is to prepare students for *Calculus* at the high school and/or college level. *Pre-Calculus* will serve to provide a comprehensive review of skills previously acquired and refine and extend those skills. The study of trigonometry, analytic geometry and elementary functions constitute most of this curriculum. Attention is also given to mathematical rigor, career opportunities, and the attitude with which mathematics must be approached in order to experience success at higher levels. Extensive use is made of graphing calculators and computer laboratory time is assigned. This course is a prerequisite for *Calculus*. The prerequisite for the course is *Algebra II*. Students will prepare for state assessments through the various formative and summative assessments given throughout the course.

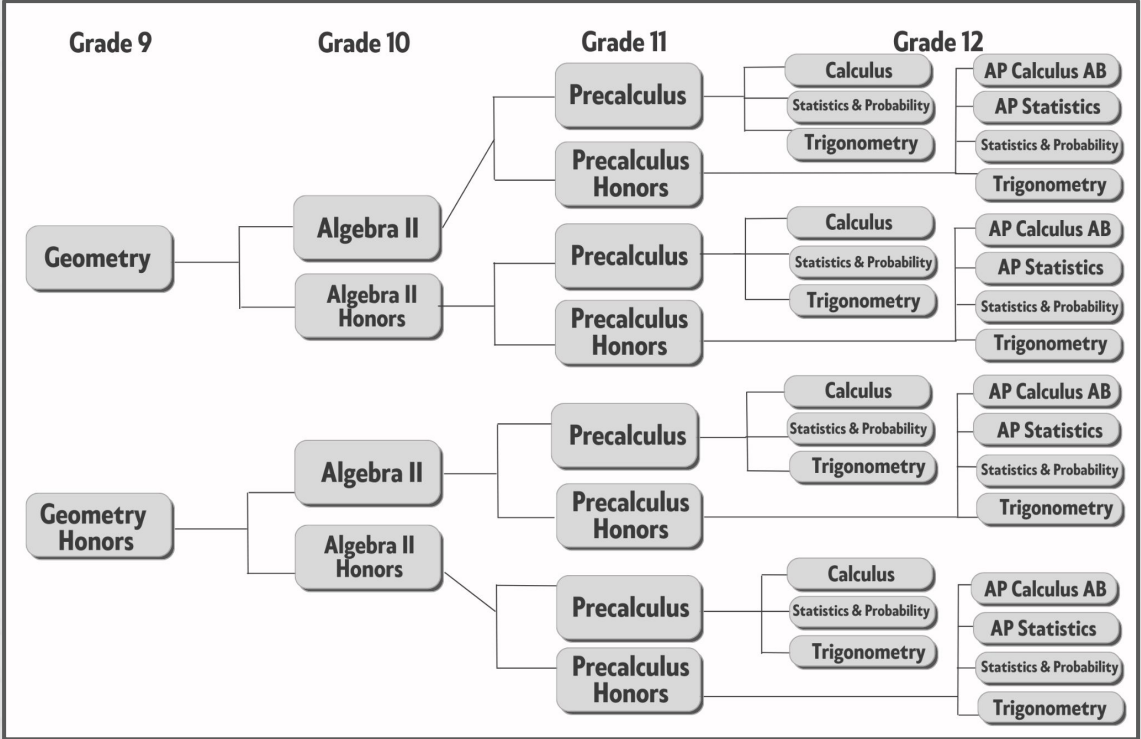
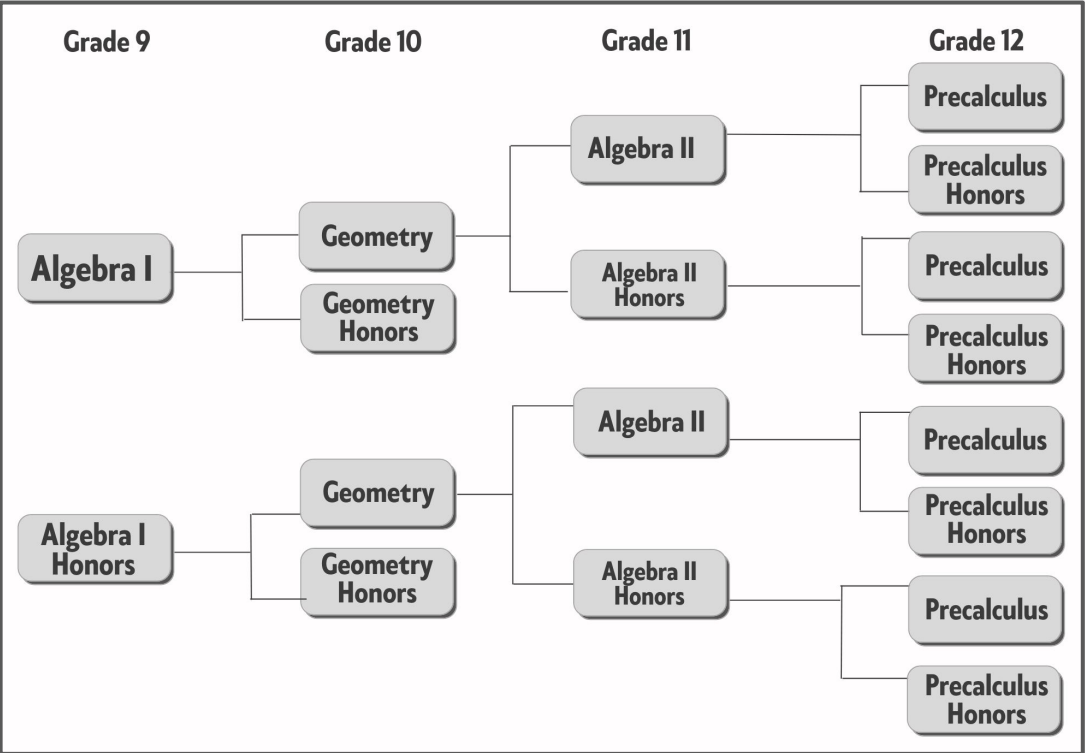
Pre-Calculus Honors

Grades: 11, 12
Credits: 5

Prerequisites: Algebra II and teacher recommendation

This full-year, five-credit course is to prepare students for *Advanced Placement (AP) Calculus* at the high school level or a college *Calculus* course appropriate for engineering, science or mathematics majors. This course is designed to serve as a comprehensive and in-depth review of skills previously acquired and to both refine and extend those abilities. The study of trigonometry, analytic geometry and elementary functions constitute most of this curriculum. Attention is also given to mathematical rigor, career opportunities, and the attitude with which mathematics must be approached in order to experience success at higher levels. There is an intense focus on word problems and real world application of higher mathematics. *Pre-Calculus Honors* helps prepare students for the Scholastic Aptitude Test (SAT). Extensive use is made of graphing calculators and computer laboratory time is assigned. Various projects must be completed and significant time and independent effort are expected outside the classroom. This course is a prerequisite for *Advanced Placement (AP) Calculus AB*. In preparation for the state assessments, students will be given formative and summative assessments throughout the course.

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MATHEMATICS
ELECTIVES

<u>Statistics and Probability</u> Grades: 11, 12 Credits: 2.5	Prerequisites: Algebra II
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The goal of this half-year, two and one-half credit course is to allow students the opportunity to study higher level mathematics dealing with the concepts and methods of both descriptive and inferential statistics in addition to using probability as a tool for predicting the statistical characteristics of collected data. The course is designed for students with a wide variety of future vocational and educational ambitions. It aims to give students an understanding of the most significant concepts of probability and statistics, and to enable students to be wiser users and more critical consumers of statistical data. Key topics include measures of central tendency, graphical and statistical displays and analysis, (i.e., frequency tables and scatter plots), random samplings, basic probability, normal distributions, confidence intervals and tests of significance. Due to the nature of the course, all problems allow students to apply statistical techniques to real world situations and career oriented applications. Extensive technology usage is recommended through the use of calculators and computers. A prerequisite for this course is the successful completion of Algebra I, Geometry, and Algebra 2 courses which reflect the New Jersey Student Learning Standards.

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<u>Trigonometry</u> Grades: 11, 12 Credits: 2.5	Prerequisites: Algebra II
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This half-year, two and one-half credit course gives students the opportunity to study higher mathematics in a framework within which they can acquire proficiency in the skills of a college preparatory mathematics course without the rigor of Pre-Calculus. The prerequisite for this course is the successful completion of Algebra I, Geometry, and Algebra 2. This course is designed to serve as a comprehensive review of skills previously acquired and to both refine and extend those abilities. It also is designed to develop an awareness of and appreciation for the concepts and techniques necessary for competence in problem solving at this level. The study of trigonometric functions and analytic geometry constitute most of the curriculum for this course. Attention is also given to mathematical applications, career opportunities, and the attitude with which mathematics must be approached in order to experience success in post-secondary study of mathematics. Other specific components of this course include sketching graphs (versus plotting points), interpretation of graphical and numerical information/models and student/teacher interaction. Algebraic manipulative procedures are reinforced by analyzing the solutions of algebraically complex examples of trigonometric and polynomial functions. Logical and hypothetical reasoning powers are developed and nurtured through continued application of geometric notions including coordinate systems and graphical transformations of functions. Technology is explored as extensive use is made of graphing calculators and computer laboratory time is assigned when appropriate. Proficiency at problem solving is encouraged and sought both with and without the use of a graphing calculator. When appropriate, full advantage is taken of the power of the graphing calculator so that intricate exercises and concepts are made more reasonable and understandable. It is within this context that students are encouraged to make judgments concerning the "correctness" of a solution generated by the graphing calculator. In preparation for the state assessments, students will be given formative and summative assessments throughout the course. Course content is aligned with the appropriate New Jersey Student Learning Standards.

Science Course Descriptions

*15 credits (3 years) are required for graduation.

AP Biology

Grade: 11, 12

Credits: 5

Prerequisites: Chemistry, Algebra II,, and teacher recommendation

In AP Biology, an emphasis is on students making connections between the Big Ideas (BI) within the AP Biology Curriculum Framework. This course is designed to be the equivalent of an introductory college-level biology course and prepares students for the AP Biology Exam.

This course is focused around actively engaging students in the process of science through group laboratory activities, class discussions, and class activities. For example, students will engage in critical thinking and problem solving by actively developing their own experimental procedures; analyzing journal article readings; and participating often in hands-on labs and demonstrations. Students are also required to work in groups on projects to demonstrate their knowledge of big ideas. Emphasis is given to journal article readings to expose students to present day technologies and procedures to help them develop better designed experimental investigations. Lab techniques are learned through previous laboratory experience and the students' research in journal articles. Hands-on labs make up at least 25% of instructional time. Labs emphasize development and testing of the hypothesis, collection, analysis and presentation of data, as well as discussion of results to discover unanswered questions about the topics addressed. A minimum of two student directed labs in each big idea will be conducted along with class activities to reinforce lessons. Students are required to report on all laboratory investigations in their laboratory notebook. Students will also perform oral presentations to their peers in the form of argumentation from evidence and/or project presentation. The student-directed and inquiry-based laboratory investigations used throughout the course enable students to apply the seven science practices as defined in the Curriculum Framework. In addition to the labs defined in the Curriculum Framework students will participate in the Waksman Scholars Program where students will prepare cDNA from duckweed and analyze the sequence to determine possible function. Students can publish their research on the National Center for Biotechnology Information (NCBI). Students will be able to think and act like scientists.

SCIENCE CORE COURSES

AP Chemistry

Grades: 12

Credits: 5

Prerequisites: Chemistry Honors or AP Biology, Pre-Calculus Honors, and teacher recommendation

This AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For most students, the course enables them to undertake, as a freshman, second year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. This course is structured around the six big ideas articulated in the AP Chemistry curriculum framework provided by the College Board. A special emphasis will be placed on the seven science practices, which capture important aspects of the work that scientists engage in, with learning objectives that combine content with inquiry and reasoning skills. AP Chemistry is open to all students that have completed a year of chemistry who wish to take part in a rigorous and academically challenging course.

Biology

Grade: 9, 10

Credits: 5

Prerequisites: Science 8 with teacher recommendation, or Environmental Lab Science

This *Biology* course is designed to provide students with a comprehensive up-to-date approach to the study of biology. Students will build upon the fundamental biological concepts of life science and engineering practices through the study of cell specialization and homeostasis, DNA and inheritance, natural selection and evolution, matter and energy transformations in the ecosystem, interdependent relationships, human activities and climate, and human activities and biodiversity. The biology course provides students with the conceptual framework, investigative skills, and critical-thinking skills necessary for college courses, as well as preparation for the next course in the science sequence.

*15 credits (3 years) of Science are required for graduation.

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SCIENCE CORE COURSES

<p><u>Biology Honors</u> Grade: 10 Credits: 5</p>	<p>Prerequisites: Science 8 with teacher recommendation or Environmental Lab Science, and Algebra II with math teacher recommendation</p>
<p>This <i>Biology Honors</i> course is designed to provide students with an <i>accelerated</i> comprehensive up-to-date approach to the study of biology. Students will build upon the fundamental biological concepts of life science and science and engineering practices through the study of cell specialization and homeostasis, DNA and inheritance, natural selection and evolution, matter and energy transformations in the ecosystem, independent relationships, human activities and climate, and human activities and biodiversity. This biology course provides students with the conceptual framework, investigative skills, and critical thinking skills necessary for college courses, as well as preparation for the next course in the science sequence.</p>	

<p><u>Chemistry</u> Grades: 10, 11, 12 Credits: 5</p>	<p>Prerequisites: Biology, and Algebra II (previous or concurrent)</p>
<p><i>Chemistry</i> provides students with a comprehensive up-to-date approach to an extensive study of the nature of matter. The purpose of the course is to provide a fundamental study of matter and the changes which matter undergoes. Students introduced to basic concepts of physical science will build upon these fundamental concepts preparing the students for college courses, as well as the next course in the science sequence. The program provides students with the conceptual framework, factual knowledge, laboratory skills, and analytical skills necessary to understand the composition and interaction of matter.</p>	

<p><u>Chemistry Honors</u> Grades: 10, 11 Credits: 5</p>	<p>Prerequisites: Biology, and Algebra II (previous or concurrent) and Teacher Recommendation</p>
<p><i>Chemistry Honors</i> is a comprehensive up-to-date college preparatory course that serves to prepare the student for ongoing science education. The purpose of this course is to provide a rigorous and in-depth study of matter and the changes which it undergoes. Because fundamental chemical principles and concepts are learned and developed by active participation, provisions are made for the student to participate in laboratory work on a regular basis and to observe classroom demonstrations. These collaborative experiences are accompanied by teacher lectures and open discussion. An important purpose for these activities is to develop laboratory skills and techniques essential to solving problems through the formal laboratory report. Emphasis is placed on using this document to accurately communicate the results of laboratory work to others. Calculations, problem-solving skills and critical-thinking skills are also developed because many chemical principles are expressed in mathematical terms.</p>	

<p><u>Concepts of Chemistry</u> Grades: 11, 12 Credits: 5</p>	<p>Prerequisites: Biology</p>
<p>The purpose of this full-year course is to provide students with a comprehensive up-to-date approach and extensive study of the nature of matter. <i>Concepts of Chemistry</i> provides a fundamental study of matter and the changes that matter undergoes. Students are introduced to basic concepts of physical science that will build upon these fundamental concepts preparing the students for college courses, as well as the next course in the science sequence. The program provides students with the conceptual framework, factual knowledge, laboratory skills, and analytical skills necessary to understand the composition and interaction of matter.</p>	

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SCIENCE CORE COURSES

Environmental Lab Science

Grade: 9
Credits: 5

Prerequisites: None.

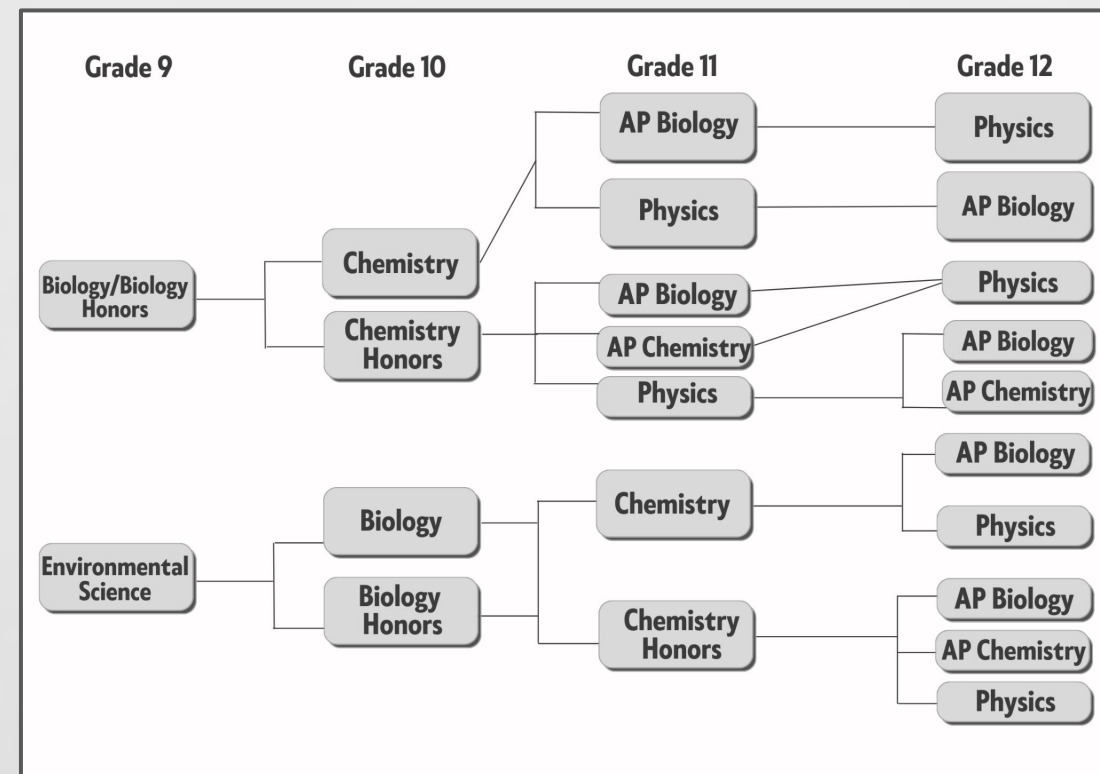
Environmental Science is a science course designed to increase student understanding of the delicate balance between human beings and their environment. The course focuses on environmental issues, challenges, and responsibilities this relationship entails. The course content addresses ecological interactions, energy resources, land and water resources, and management of human impact.

Physics

Grade: 11, 12
Credits: 5

Prerequisites: Chemistry, Algebra II, and teacher recommendation

Physics provides students with a comprehensive, up-to-date approach to an extensive study of the nature and interaction of forces and energy transformations. Prior physical science knowledge is extended by incorporating advanced mathematical skills, including geometric concepts and algebraic operations. Topics include kinematics, dynamics, forces, circular and projectile motion, conversion of energy and momentum, astrophysics, geoscience, waves, sound, light, optics, and electrostatics. Throughout this course, students explore topics that are directly applied to real-world technologies. The coursework and laboratory explorations prepare students for college courses, as well as advanced courses in the science content area.



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Anatomy and Physiology

Grades: 12

Credits: 5

Prerequisites: None.

Anatomy and Physiology is a science course designed for students who are considering enrolling in a post-secondary program with emphasis on the life and/or health science fields. The course focuses on important concepts in comparative anatomy and physiology, including the muscular, skeletal, digestive, circulatory, integumentary, respiratory, and nervous systems of the body. The dissection of higher-level mammals is used as a tool for comparative analysis of the major body systems. Major emphasis is placed on science literacy with strong connections to mathematical practices of analyzing and interpreting data. The performance expectations are on current relevant aspects of biological and medical science with an emphasis on using engineering and technological concepts by designing solutions to challenges facing human society.

***This course may be eligible for college credit through the Middle College Dual Enrollment Program. See Dual Enrollment Section for details.**

Contemporary Issues in Science

Grades: 11, 12

Credits: 2.5

Prerequisites: None.

This course will engage students in contemporary problems rooted in real scientific questions. Throughout this semester course, students will explore emerging topics in science news that impact our society, including the environment, climate change, sustainability, genetic engineering, healthcare, and natural disasters, as well as related ethical considerations. Students will complete research projects, make presentations, and conduct discussions on current issues, their impact on society, and their representation in the media.

Social Studies Course Descriptions

*15 credits (3 years) of Social Studies are required for graduation.

AP European History

Grade: 12
Credits: 5

Prerequisites: US History II, US History II Honors or AP US History II, and teacher recommendation

The *Advanced Placement European History* course is designed to increase student understanding of European history from 1450 through the present. In this course, the students will participate in simulations, debates, and primary source readings. The first semester covers the time period from 1450 to 1815 and includes topics such as the Renaissance and Reformation, the Age of Exploration, Age of Religious Wars and Age of Absolutism, the Scientific Revolution and Enlightenment, and the French Revolution and Napoleonic Era. The second semester covers the time period from 1815 through the present and includes such topics such as the Industrial Revolution, the rise of nation-states, Imperialism, World War I and the Russian Revolution, the Inter-War Period, World War II, and post-war Europe. Areas of concentration include social, political, and economic institutions, as well as cultural and intellectual development. Students enrolled in *AP European History* will take the Advanced Placement European History examination in May. Additionally, students will develop their analytical skills and prepare a comprehensive research paper that shows their knowledge of a specific topic in European History.

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SOCIAL STUDIES CORE COURSES

AP US History II

Grade: 11
Credits: 5

Prerequisites: US History I and teacher recommendation

This *Advanced Placement United States History* course is designed to help students develop the analytical skills and factual knowledge necessary to examine, analyze, and evaluate major themes in American history from the late 1800s to the present day. This course is designed to provide students with opportunities to study major historical themes and to analyze the immediate and long-term impact of these themes on American society. The topics students will study include politics, citizenship, economics, reform, environmental transformations, religious movements, demographic changes, globalization, the American identity, culture, and war and diplomacy. Students taking this *Advanced Placement United States History* course will also explore a variety of historical interpretations and perspectives as they become aware of the significance of historical events on different segments of American society, as well as the global community. At the end of this course, students will emerge with the knowledge and skills to achieve a successful score on the Advanced Placement exam, as well as confident informed individuals who are able to meet the demands and challenges of life in the twenty-first century.

World History

Grade: 9
Credits: 5

Prerequisites: None.

This course presents an overview of World History from the Age of Global Encounters to the Modern Era. All major civilizations will be discussed with emphasis on historical, cultural, economic and geographical understanding. Included in this study will be coverage of the major forms of governments such as: monarchies, aristocracies, theocracies, socialism, communism, despotism and democracy. This course will include coverage of current events, enabling the students to make connections between the past and the present.
*15 credits (3 years) of History are required for graduation.

SOCIAL STUDIES
CORE COURSES (CONTINUED)

<u>World History Honors</u> Grade: 9 Credits: 5	Prerequisites: Teacher recommendation
<p>The <i>World History Honors</i> curriculum is designed to provide Grade 9 students with a rigorous and challenging approach to the study of the political, social, economic, and cultural traditions of the world from the Renaissance period through modern world history. Students will examine primary and secondary sources, conduct research, compare historical narratives, and use critical thinking skills to interpret historical events. Literacy skills will be utilized extensively along with oral communication skills. Students will be encouraged to make relevant connections between the past and the present. Ongoing assessments were designed to improve literacy skills that are vital to the New Jersey Student Learning Assessments (NJSLA) as well as afford students an opportunity to take a hands-on approach to learning. These assessments will be evaluated using specified criteria that require rigorous application by the student demonstrating learning and understanding of historical events. The honors course is also designed to prepare students for the Pre-Advanced Placement program in United States History, with an emphasis on document analysis, thesis and argument development, and critical reading. This course is aligned with the New Jersey Student Learning Standards for Social Studies, the New Jersey Student Learning Standards for Technological Literacy, and the English Language Arts Standards History/Social Studies Grades 9-10 Companion Standards.</p>	

<u>US History I</u> Grade: 10 Credits: 5	Prerequisites: World History
<p><i>United States History I</i> provides students with a working practical knowledge of their role as citizens. Emphasis is placed on <i>The United States Constitution</i> and the rights and responsibilities that are associated with that document. The important events, personalities, and issues of the period beginning with colonization and ending with World War I are examined and their importance relative to present affairs is assessed. A variety of strategies is employed to engage the students in the development of critical thinking skills and the evaluation of historical events and the consequences.</p>	

<u>US History I Honors</u> Grade: 10 Credits: 5	Prerequisites: World History and teacher recommendation
<p><i>United States History I Honors</i> provides students with a working practical knowledge of their role as citizens. Emphasis is placed on <i>The United States Constitution</i> and the rights and responsibilities that are associated with that document. The important events, personalities, and issues of the period beginning with colonization and ending with Reconstruction are examined and their importance relative to present affairs is assessed. A variety of strategies is employed to engage the students in the development of critical thinking skills and the evaluation of historical events and the consequences.</p>	

<u>US History II</u> Grade: 11 Credits: 5	Prerequisites: US History I
<p><i>United States History II</i> is a comprehensive study of American history from the Great Depression to the present day. All major events during this time period will be discussed with an emphasis on cultural, economic, geographical, political, and social history, prompting students to link the past to the present. In this course, students will study U.S. II through a variety of means that include: application of skills, vocabulary enrichment, essay writing, note taking, map orientation, research development, critical thinking exercises, historical video footage, primary source material, novels, and technology. An emphasis will be particularly placed on the development of critical and analytical skills. Furthermore, students are expected to explore and evaluate varying viewpoints and formulate their own opinions. In addition, students will develop communication skills, analyze current events, and infuse technology into their coursework.</p>	

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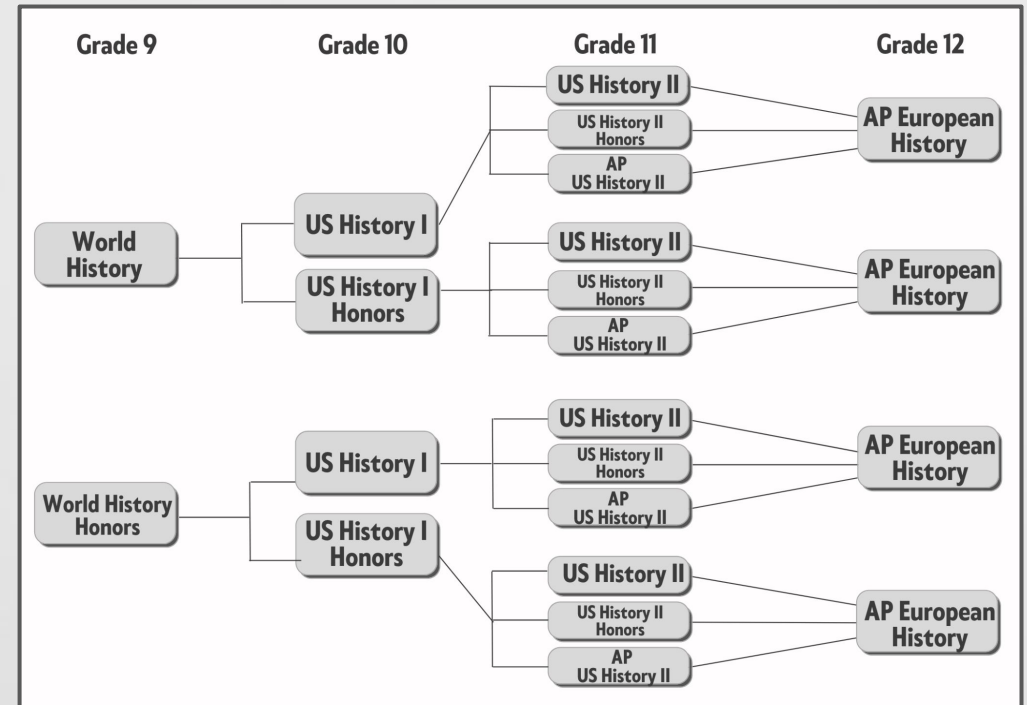
SOCIAL STUDIES
CORE COURSES

US History II Honors

Grade: 11
Credits: 5

Prerequisites: US History I and teacher recommendation

United States History II Honors is the second year in a two-year survey of American history. Presented in the junior year, it is intended to prepare students for survey courses offered at colleges and universities. US II Honors begins with Reconstruction and follows the development of the American nation developing as a player on the world stage ending with the current role of the United States as a key player in world politics in the 21st Century. Upon completion, students will gain an appreciation for the basic values and characteristics that define the American way of life and the American character. Also students will understand the fundamentals of a democratic government and the historic challenges to its perpetuation and growth.



SOCIAL STUDIES
ELECTIVES

20th-Century Conflicts

Grade: 11, 12
Credits: 2.5

Prerequisites: None.

This 2.5 credit course is designed to increase student awareness of domestic and international conflicts during the 20th century. The students will study major conflicts from and including World War II, the Far East and recent events in the Middle East, and various assassinations/conspiracies throughout the 20th century. The students will understand the social, economic, and political issues that brought the United States into these wars and the effects on world affairs. This course evaluates the politics and major global conflicts in the 20th century. It examines the diplomatic attempts by world leaders to prevent the wars and examine peace settlements. It examines and analyzes the conflicts, the results of each conflict, determining the reasons for victory, and the long-term impact of wars on the nations involved. It lastly examines the impact of conspiracy theories, assassinations, and genocide on nations around the world during the 20th century.

American Government

Grade: 11, 12
Credits: 5

Prerequisites: None.

The purpose of this half-year course is to promote responsible citizen participation in government, an essential and critical component in our nation's democracy and a vital element in sustaining our nation's government. It is intended to prepare both the college and non-college bound students to become contributing members of society by providing them the democratic skills needed to participate intelligently and ethically in public affairs. This course will promote loyalty and pride for one's country, as well as guide the students through many of the challenges of the emerging global community. Students will be introduced to political science, explore the inner workings of the American government, study history and development of our government, and examine the methodology employed by our current political system.

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Contemporary Issues in Sports History

Grade: 10, 11, 12
Credits: 2.5

Prerequisites: None.

This 2.5 credit course is designed to increase student awareness of the role of sports in American Society. Sports have become a microcosm for American society and culture, and have come to reflect the major trends, frustrations, fantasies, and values in the society at large. Studying about sports in any time period gives extraordinary insight into the mind and mood of the people. The fact that three-quarters of the American people daily participate or watch sports reveals that sports pervades every facet of American life. Sports infiltrate our educational system, the economy, and political life, and have become the most popular form of mass entertainment. Students will come to recognize the parallels between sport and society. Topics to be covered include: Sport, Socialization, Competition, and Winning in Children's and Other Organized Sports; Reforming Big-Time College Sports, Race, Ethnicity, and Gender in Sports; Mass Media and Sports Culture in America; Legal Issues in Sports; Sports and Big Business; and Baseball and American Culture.

Current Affairs

Grades: 11, 12
Credits: 2.5

Prerequisites: None.

This course will introduce learners to important political, economic, and cultural issues facing the United States and the world. Issues will be evaluated from historical, cultural, political, and economic perspectives. In addition, through extensive research and class discussions, students will be required to articulate positions and proposed solutions to the problems. The other focal point of this course is an inward look at social trends, issues, and ongoing tensions that shape the fabric of American politics. The course will be a blend of present-day current events, making historical analyses for deeper understanding. Students who successfully complete this course will be more aware of the complexities of our world today and the role we have as citizens in shaping affairs in America and beyond.

SOCIAL STUDIES
ELECTIVES

Exploring Digital and Social Media

Grades: 9
Credits: 2.5

Prerequisites: None.

The purpose of this half-year course is to familiarize students with the necessary skills to navigate the internet safely, effectively, and responsibly. This class will teach students the pillars of digital citizenship, the importance of media literacy, and how digital marketing has shaped the way consumers purchase products. Students will understand the importance of safety, security, and privacy online for themselves and as well as others. Students will study the importance of vetting information they find online and how to determine facts versus opinions. After an in-depth look at digital citizenship and media literacy, students will analyze the various ways businesses reach consumers through digital marketing and how they play on consumers' emotions in order to elicit sales. Students will compare and contrast various marketing strategies, such as ads and commercials versus social media marketing using influencers and brand representatives. At the end of this class, students will complete an online guide for using the internet safely, effectively, and responsibly.

Holocaust and Genocide Studies

Grades: 11, 12
Credits: 2.5

Prerequisites: None.

The vision of *Holocaust and Genocide Studies* begins by focusing the student's attention not only the Holocaust but on a more broad analysis of human behavior. It is important for students to explore the phenomenon of prejudice and its potential for venomous and ultimately lethal expression. Essential questions must be raised regarding how and why fear can lead to abusive, violent behaviors. An essential part of this course is for students to explore different acts of resistance during the Holocaust, to defeat the myth that all prisoners of Nazi Germany were like "sheep led to the slaughter." Students must analyze society's moral codes and assess issues of conscience and moral responsibility and their effect. Human rights will be a continual theme.

International Relations

Grades: 11, 12
Credits: 2.5

Prerequisites: None.

This one semester course is designed to increase student awareness of domestic and international policies as they relate to the United States as a Superpower. The students will acquire historical understanding of societal ideas and forces throughout the history of New Jersey, the United States, and the world. The program is based, in part, upon America's historical role in the world, as well as an examination of emerging developments in the realm of American foreign policy. Geo-politics, a comparison of world economic systems, a study of the "sims," the enhanced development of map skills, application of the scientific method as it relates to the study of foreign affairs, and the pragmatic as well as eclectic nature of developing policies, will be explored. The curriculum is aimed at developing an articulate, well-documented, and integrated study of America's role in the world today and in the future. The goals of this course are to provide students with the skills necessary to become critical readers and thinkers, as well as confident communicators. Exposure to various sources of information, differentiation between fact and opinion, identification of editorial bias, familiarity with propaganda, and exercise in values clarification are all elements in the process of developing critical thinking skills. Additionally, skills in oral presentation, listening, evaluating, and discriminatory judgment are all stressed in classroom activities. Occupational opportunities are also explored, with Career Readiness, Life Literacies, and Key Skills addressed in each unit.

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SOCIAL STUDIES
ELECTIVES

Introduction to Law and Public Policy

Grades: 10, 11, 12
Credits: 2.5

Prerequisites: None.

Law is the foundation of our society. The Introduction to Law and Public Policy course provides students with an in-depth study of the United States legal system, with a specific focus on Constitutional Law, Tort Law, and Contract Law. It is designed to introduce students to the fundamental concepts and procedures of the state and federal legal system. Throughout their course work, students will become familiar with the terminology, concepts, and procedures in the areas of civil law. Landmark cases, case law, current events, and simulations will be used to examine the legal system from a social scientific point of view, with an emphasis on critical thinking and other law-related skills.

*This course meets the 21st Century Life and Careers Graduation Requirement.

Psychology

Grades: 11, 12
Credits: 5

Prerequisites: None.

This *Psychology* course introduces the scientific study of human and animal behavior through analyzing the influences of heredity, environment, and life experiences. This course explores the various psychological schools of thought and examines the methodology employed by professionals in this area. This course surveys human development, the brain and behavior, personality, feelings and emotions, learning, altered states of awareness, stress and coping, intelligence, memory and abnormal behavior. Each of these topics will be explored to gain insight of personal behavior as well as the behaviors of others. Such skills as developing effective ways of communication, recognizing the psychological needs of others, learning a variety of research methods, evaluating research studies, and understanding the role of nature and nurture on behavior, will be stressed. To enhance these skills, technology will be implemented along with multi-sensory teaching and learning strategies. The ultimate goal of the course would be to improve the psychological and educational quality of life for each student.

***This course may be eligible for college credit through the Middle College Dual Enrollment Program. See Dual Enrollment Section for details.**

Public Speaking

Grades: 10, 11, 12
Credits: 2.5

Prerequisites: None.

The purpose of this half-year course is to gain a basic background knowledge of Public Speaking. Students enrolled within this course will begin to understand the different types of speeches and their purposes. Students will learn more about the communication process and begin to understand how various nonverbal skills are incorporated into speeches. Students will also understand the steps of putting together a speech from start to performance.

Sociology

Grades: 11, 12
Credits: 2.5

Prerequisites: None.

Sociology is a course based on the study of the relationships between the individual and the groups and institutions that shape our society. The purpose of the course is to understand the social world around us, and how to deal with social problems. The students will understand the multiple influences of gender, family background, religion, ethnicity, socioeconomic position, and nationality as the basis for analysis of individual identity. Various methods and activities will be utilized to implement this course of study. Special attention will be given to an examination of the social patterns and problems within our nation and the manner in which society deals with them. This survey course will provide a better understanding of the student's own social behavior and group relationships. In a world that is moving and changing very rapidly, an understanding of how to be a positive and interactive member of society is an essential skill. A better understanding of social forces through the study of Sociology provides an opportunity to develop this essential skill.

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US History Through Film

Grades: 12

Credits: 5

Prerequisites: US History I and II

The US History Through Film curriculum offers students a unique way to view American history through the Hollywood lens. Through film analysis, students will gain a new insight into the historical events that occurred from the American Revolution through recent US history. The course will demand 12th grade-level composition work, honing student writing and revision skills as they write reaction and analysis papers to films viewed in class. In addition to learning the historical accounts, students will explore character development, conflict, theme, symbolism, foreshadowing, and geographical/social/cultural settings.

21st-Century Life and Career Electives

***5 credits are required for graduation.**

21ST-CENTURY LIFE & CAREERS

21st-Century Research & Technical Writing Department: Business/21st Century Grade: 12 Credits: 5	Prerequisites: None.
<p>This course is designed to challenge twelfth-grade students by allowing them to work independently to practice the forms and purposes of writing in various technical, scientific, and any such field requiring research and reports. Students will locate, evaluate and manage research materials. He or she will conduct research adhering to all MLA format rules. The student will be expected to do extensive research, with the final products including a thesis paper, formal emails, resume, employment letter, and oral presentation.</p>	

<u>Accounting</u> Department: Business/21st Century Grades: 11, 12 Credits: 5	Prerequisites: None.
<p>In a challenging employment market, this course will provide students with the foundation skills necessary for entry-level employment in the business world. At the same time, this course will provide college-bound students with the foundation necessary to be successful in an introductory college accounting course. Managing finances, including payroll, banking, recordkeeping and preparation of financial statements for a service/merchandising business are the core activities of this course.</p>	

<u>Business Management</u> Department: Business/21st Century Grades: 11, 12 Credits: 2.5	Prerequisites: None.
<p>The purpose of this half-year course is for students to understand that in order to meet the challenges of the global business environment, the business professional requires a high degree of professional competence in the technical aspects of management. This course is designed to give students an understanding and appreciation of what business is, how it operates, and how it is managed in a global economy. Emphasis is placed on the areas of ownership, business organization, human resources, marketing, finance, accounting, and the impact of technology on all of these areas. Legal, ethical and social obligations of a business will be explored. Students will get an appreciation for the internet and how it serves management in today's market.</p>	

<u>Creative Writing in the 21st Century</u> Department: Language Arts Grades: 11, 12 Credits: 5	Prerequisites: English Language Arts II
<p><i>Creative Writing in the 21st Century</i> is a full-year course that helps students become empowered writers with career readiness, life literacies, and other key 21st-century skills. Students are encouraged to become more observant, to make new associations, and to exercise imagination in expressing ideas. Experimentation of many forms of writing is emphasized. Students will expand and refine their writing skills through both self and peer evaluation. Various technological applications are incorporated as a means of enhancing student learning. Course content is aligned with the appropriate New Jersey Student Learning Standards.</p> <p>*This course may be eligible for college credit through the Middle College Dual Enrollment Program. See Dual Enrollment Section for details.</p>	

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Career Crusaders

Department: Business/21st Century
 Grades: 12+ (ages 18-21)
 Credits: 5

Prerequisites: None.

The purpose of this four-year course is for our young adult students, ages 18-21, to develop a variety of skills needed to become successful, self-sufficient and contributing members of society. As students prepare for adulthood, specific skills are essential for independent and responsible living. These skills vary from setting to setting, whether it be in the home, community, or place of employment. This course is designed to follow each student on an individualized basis, varying from student to student, with the units and topics of instruction progressing as the individual student progresses. The course curriculum focuses on the development of critical life skills, such as adulthood responsibility, healthy living, decision-making, and vocational skill development. It begins by targeting skills in a systematic manner, which includes developing responsibility in adulthood (e.g., responsibility in the home, at school, and at work), making healthy choices (e.g., doctor visits, money management, healthy eating), and developing independent living skills (e.g., keeping a schedule, budgeting for rent, maintaining personal hygiene). After mastery, units become more complex and target more abstract concepts, such as making adequate decisions (e.g., responsibilities vs. leisure, problem recognition, resource evaluation), vocational skill development (e.g., self-advocacy, developing and maintaining personal relationships, networking), and career success (e.g., proficient and professional use of technology, the effect of personality traits on work performance, ethical behavior). Group discussions, anecdotal records, and practical applications will play vital roles in assessing student acquisition and mastery of skills throughout the program. By the end of the program, students will be able to apply these topics in generalized environments, such as home, school, and various work settings, and successfully transition from school into adulthood and society.

Comparative Religions

Department: Social Studies
 Grade: 11, 12
 Credits: 2.5

Prerequisites: None.

The purpose of this half-year course is to introduce students to the foundational history, theology, and basic tenets of the world's most prominent religions. The religions to be covered in this course are: the Indian religions of Hinduism, Buddhism, Jainism and Sikhism, and the Abrahamic Religions of Judaism, Christianity, and Islam. Students will examine the historical and contemporary issues on world religions. By the end of the course, students will be able to walk away with a foundational understanding of what each religious tradition believes, why they believe and practice the way they do, and, ultimately and most importantly, a deeper tolerance of their fellow citizens, including the diverse ways of worshipping. Religious literacy dispels stereotypes, promotes cross-cultural understanding, and encourages respect for the rights of others.

Computer Applications

Department: Business/21st Century
 Grades: 10, 11, 12
 Credits: 5

Prerequisites: None.

This course is designed to introduce the student to the beginning, intermediate, and advanced capabilities of various programs that expose students to different technology applications over an array of careers and industries. Exploring the Internet and Internet safety is also discussed/taught. Students will develop skills in information gathering, compilation, sorting, and calculation. Students are expected to develop the necessary skills to seek, obtain, maintain, and change jobs.

Concepts of Physical Fitness and Wellness

Department: Business/21st Century

Grades: 11, 12

Credits: 2.5

Prerequisites: None.

Students will be able to develop an understanding of fitness concepts and design a personal fitness program while developing an individualized level of health-related activities to complete assessments of their health-related fitness. Students will learn the relationships between physical activity, physical fitness, group interaction, cooperation, an appreciation for the abilities and limitations of self and others, and various health-related outcomes. Throughout the course, students will gain knowledge and skills needed to develop a lifelong pattern of physical activity.

Forensic Science

Department: Science

Grades: 11, 12

Credits: 2.5

Prerequisites: None.

Forensic science is the application of science to the criminal and civil laws that are enforced by police agencies in a criminal justice system. This semester course will explore crime scenes, physical evidence, the analysis of glass, forensic toxicology, forensic serology, DNA, and crime-scene reconstruction.

Economics

Department: Business/21st Century

Grades: 11, 12

Credits: 2.5

Prerequisites: None.

The purpose of this half-year course is to provide students with a basic foundation in the field of economics. Economics is the study of how individuals, businesses, and governments make decisions about the allocation of scarce resources. The course has six units: What is Economics, Economic Systems and the American Economy, Economic Challenges of the 21st Century, Your Role as a Consumer, Supply and Demand, and International Trade. In each area, students are introduced to major concepts and themes concerning that aspect of economics. Studying high school economics helps students gain the necessary skills so they can understand how economic markets around the world work. In the process, they build their analytical and problem-solving skills which will help them succeed now as students and in the future as working professionals. Finally, it allows students to learn how economic concepts affect their daily lives.

Entrepreneurship

Department: Business/21st Century

Grade: 9, 10

Credits: 2.5

Prerequisites: None.

To be an entrepreneur is to seek out new opportunities in business. The semester course is designed to cover the basics for getting started in a business venture. Topics for this course will include the development of ideas for a business, the responsibilities of a business owner, protecting one's intellectual property, and growing one's own business. Particular emphasis will be placed on identifying a need for a product or service and then coming up with creative and viable approaches to fulfilling that need. Students may engage in theoretical and/or practical experiences of planning and starting entrepreneurial ventures as part of their coursework.

Financial Literacy

Department: Social Studies

Grades: 9, 10, 11, 12

Credits: 2.5

Prerequisites: None.

Financial Literacy teaches students to develop increasingly sophisticated 21st-century life skills and personal financial literacy. They engage in the process of career preparation by participating in structured learning experiences, and specialized programs. This course describes skills that prepare students for personal and civic financial literacy. *Financial Literacy* is structured with a social science approach to the teaching of economics and personal finance. This semester course provides qualified students with the basic principles of economics, how the market works, the role of business and labor in the United States economy, and an introduction to the world of money, banking and finance. In addition, students will learn how to manage their own money and the importance of financial planning and how it can help them prepare for their future. The course concludes with an examination of the economic challenges facing the United States today as well as an in-depth view of the global economy of the 21st century.

***This 2.5 credit course meets the Financial Literacy graduation requirement. Students will need to complete an additional 5 credits in a 21st Century Life and Careers course.**

First Aid and Safety

Department: Business/21st Century

Grades: 11, 12

Credits: 2.5

Prerequisites: None.

First Aid and Safety is a course that offers students valuable information and skills crucial for emergency situations in which emergency care is needed, but medical attention is not immediately available. Students will learn skills such as basic first aid, CPR, rescue breathing, and cardiac care. Students will have the opportunity to obtain American Red Cross certifications upon completion of the course proficiencies.

Introduction to Computer Science

Department: Business/21st Century

Grades: 9, 10, 11, 12

Credits: 2.5

Prerequisites: None.

The purpose of this half-year course is designed to offer an introduction to computer science. Students will learn the basics of computer programming along with the basics of computer science. The material emphasizes computational thinking and helps develop the ability to solve complex problems. This course covers the basic building blocks of programming along with other central elements of computer science. It gives a foundation in the tools used in computer science and prepares students for further study in computer science. The course allows students to work independently in text-based Python. The course also includes a career focus, where, at the end of units, students meet (via videos) individuals from different industries who work in coding (medicine, music, etc.). The course is designed to be used in a blended classroom and will consist of video lectures, daily programming exercises, longer coding assignments, regular quizzes, projects, and exams. Students will also participate in online discussion forums. One major element of the content is the Code-Along videos. In these videos, students are asked to follow along with the instructor as they code. By coding in small chunks and pausing and repeating segments as necessary, students are able to work through new topics at their own pace and work towards mastery of the material. As they master these techniques, they are asked to combine them in longer exercises that let them build a deeper understanding of computer science and programming. Regular quizzes and tests give them feedback on their progress.

Introduction to Criminal Justice

Department: Social Studies

Grades: 11, 12

Credits: 5

Prerequisites: US History I

Introduction to Criminal Justice provides a comprehensive overview of the American justice system. Students will explore how criminal justice has an impact on their lives. Students will actively participate in such topics as: current crime issues, gangs, organized crime, police conduct, prison life, juvenile delinquency, and much more. Activities will include field trips, guest speakers, debates, and roundtable discussions. Throughout the course, students will be exposed to the various careers related to criminal justice.

Introduction to Sports Medicine

Department: Business/21st Century

Grade: 11, 12

Credits: 5

Prerequisites: None.

This course prepares students to work in consultation with and under the supervision of physicians to prevent and treat sports injuries and associated conditions. Included is instruction in the identification, evaluation, and treatment of athletic injuries and illnesses; first aid and emergency care; therapeutic exercise; anatomy; exercise physiology; kinesiology and biomechanics; sports psychology; knowledge of various sports and their biomechanical and physiological demands; and applicable professional standards and regulations.

Journalism

Department: Business/21st Century

Grades: 11, 12

Credits: 5

Prerequisites: None.

This full-year, 5-credit course is designed to encourage students to discover aspects of print journalism. The importance of political and social awareness is gleaned through reading newspapers, news magazines, and books via hard copies and electronic versions. Audio and visual media is used in the discussion of current events. Students will learn to access, view, evaluate and respond to print, non-print, and electronic texts and resources. Journalism theory and techniques are presented to enable students to understand, gather and write news, features, sports stories, and effective editorials. Interviewing skills, research, and observation combine to enhance student appreciation and awareness of international current events, so that the student will appraise media more intelligently and interpret more intuitively.

Marketing

Department: Business/21st Century

Grades: 11, 12

Credits: 5

Prerequisites: None.

The Marketing curriculum will provide students with opportunities to gain an understanding of marketing as it relates to both the business marketplace and the retail consumer marketplace. The subject of Marketing will aid students in becoming responsible citizens. Students will evaluate concepts involving the functions of marketing, including promotion, selling, distribution, and finance, relating to buying and selling goods and services. In addition students will be provided an introduction into international trade, world economics, case studies, ethical decision-making and domestic business situations. In this course students will use technology resources for project based learning assignments, for inquiry and assessment. The marketing course will include learning opportunities pertinent to the application of marketing to lifelong learning and our lifelong consumption of marketed goods and services. Finally, students will develop and exhibit the proficiencies and attitudes necessary for the successful transition into college or career through multidisciplinary activities that examine the principles of marketing.

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Option 2/CoOp Practical

Department: Business/21st Century

Grades: 12

Credits: TBD

Prerequisites: None.

Students planning to pursue course work for credit external to the traditional offerings of the Memorial High School curriculum are required to submit a completed application to the Guidance Department's Option II Credit Review Committee, who will review the application to determine eligibility and grant approval/disapproval based on the criteria outlined. The committee will ensure that each student is on track to fulfill graduation requirements. The High School Principal will review all decisions of the committee. Following the final review of the Option II Credit experience by the Committee, notice will be sent to student, parent, and school counselor regarding the decision to award credit. The student's transcript will be amended as necessary. Grades for approved Option II course work will be reflected on a student's transcript.

Complete conditions are available by viewing the application on the high school website, and include the following factors:

- It is the responsibility of the student and parent/guardian to find a work/ internship placement which suits the interest and career goals of the student.
- The duration of the internship may begin from July 1 and must be completed by June 15 th the following school year.
- The application must be submitted to the school counselor by August 31st of the upcoming school year. The counselor and the principal/principal's designee will approve or reject the application. Any change in the work/internship must be approved.
- At the discretion of the school administration and/or site supervisor the student may be ineligible to receive credit under this program (excessive school absenteeism, tardiness, insubordination, dishonesty, poor performance, or other serious violation).
- Working papers, if needed, may be obtained through the school office.

Senior Service

Department: Business/21st Century

Grades: 12

Credits: 5

Prerequisites: None.

Senior Service is a 5 credit experiential experience where students are placed in various departments within the high school for one period of the day to engage in realistic and operational building tasks and projects. Students' interests and goals are considered when making departmental placements. Students can request a placement of interest; however, assignments cannot be guaranteed and will be contingent upon various factors such as availability. Upon successful completion of the course, students will receive 5 credits.

Statistics and Analytics in Sports

Department: Business/21st Century

Grades: 11, 12

Credits: 2.5

Prerequisites: None.

Statistics and Analytics in Sports will explore the principles of statistical reasoning while analyzing data and using critical thinking skills to draw conclusions. Throughout this semester course, students will become familiar with testing claims in sports, analyzing categorical variables, experiments, conditional probability and strategy in sports, and analyzing quantitative variables.

***One marking period of Health is required for each year of student enrollment.**

Physical Education is required for each year of student enrollment.

<u>Health and Wellness 9</u> Grade: 9 Credits: 1.25	Prerequisites: None.
<p>The purpose of this marking period course is to provide students with a unified and fundamental health program that fosters the essential concept of health being a human's most prized possession and, thus, an integral part of every phase of life. With this course, students will acquire the vital knowledge that their level of health affects their ability to learn, live, and identify with others. To achieve the aforementioned goals, this course will focus specifically on health decisions, emotional and mental health, suicide, understanding personal sexuality, sexting and its potential consequences, drugs, alcohol, smoking, vaping, and tobacco use, anabolic steroids, and communicable diseases.</p>	

<u>Health and Wellness 10-Driver Education</u> Grade: 10 Credits: 1.25	Prerequisites: Health 9
<p>The content in this marking period course will consist of New Jersey Driver License System, New Jersey Driver Testing, driver responsibility, and safe driving rules and regulations. Throughout this course, students will come to understand what laws govern NJ licenses and what type of documents they will need in order to obtain a NJ license. Students will come to understand what is required to pass the NJ Road Test in order to obtain a basic driver's license and possible reasons for rejection. Students will explore the New Jersey seat belt and car seat laws, the use of airbags for driver safety, safe steering, speed control and braking distances, proper use of driver signals, and proper parking, turning, and reversing practices. Students will delve into safe driving and passing practices, the right of way, yielding and safe entry and exit in highway driving. They will also learn how to safely maneuver turns and interchanges.</p>	

COMPREHENSIVE HEALTH & PHYSICAL EDUCATION
CORE COURSES

<u>Health and Wellness 11</u> Grade: 11 Credits: 1.25	Prerequisites: Health 10
<p>The purpose of this marking period course involves wellness, character development, nutrition, lifelong fitness, injury prevention & safety, emergency situations, First Aid & CPR, drugs, alcohol, tobacco, controlled dangerous substances, anabolic steroids and mental health. With this course, students will learn the importance of mental, emotional, social and physical health in living a healthy lifestyle. Students will be taught how to make healthy food choices, analyze key nutrients in a food product, and how to maintain a healthy weight and lifestyle. This course will focus on how to assess and evaluate common, minor and major medical emergencies and provide appropriate care. The dangers of using drugs and alcohol, their effects and why children should practice abstinence for drugs and alcohol will also be explored throughout this course.</p>	

<u>Health and Wellness 12</u> Grade: 12 Credits: 1.25	Prerequisites: Health 11
<p>The purpose of this marking period course involves physical, mental, social, and sexual aspects of development. Students gain an understanding that each aspect of health constantly affects and is affected by the others. Good health is what allows people to live up to their full potential. Health is always changing. One is not at the same level of health today as one was yesterday or will be tomorrow.</p>	

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***One marking period of Health is required for each year of student enrollment.
Physical Education is required for each year of student enrollment.**

Physical Education

Grades: 9, 10, 11, 12

Credits: 3.75

Prerequisites: None.

Physical Education is offered to students in grades 9 through 12 and addresses the overall physical development of the student in the areas of fitness, sportsmanship, and skill-building in various sports areas. It is the goal and scope of the program to present these areas in a manner that is educationally sound and appropriate to the physical and social needs of students on all levels. The philosophy of the physical education department is that all students are capable of achieving a certain level of overall wellness through a variety of learning experiences. Each student will be given the opportunity to grow and develop physically, mentally, emotionally and socially through individual effort and group interaction. Knowing that all students are unique in their abilities, capacities and goals, teachers will provide a maximum participation learning environment conducive to lifelong health and skill-related fitness, sports competition, and the utilization of leisure time. It is a goal of the department to reinforce the importance of proper techniques, strategies, safety, teamwork, and sportsmanship on a daily basis. Students will be encouraged to develop a sense of open-mindedness while raising their level of knowledge and basic skills in each unit throughout the school year. Assessment will be based on preparation, cooperation and participation. Course content is aligned with the appropriate NJSL standards.

Visual & Performing Arts Course Descriptions

*5 credits (1 year) of Visual & Performing Arts are required for graduation.

VISUAL & PERFORMING ARTS

<u>AP Art & Design</u> Grades: 10, 11, 12 Credits: 5	Prerequisites: Art II, teacher recommendation, and portfolio submission
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This course has been established for those students interested in completing the AP Drawing portfolio or the AP 2-D Design Portfolio. Students will investigate and explore critical characteristics of creative thinking by developing an individual portfolio. They will focus on all three sections of the portfolio: Breadth, Concentration, and Quality meeting the requirements as stated in the student's exam poster. Through the direction of the teacher, emphasis will be placed on the production of a volume of quality pieces of artwork. The students will be constantly challenged to develop their own personal works. The students will develop a mastery of concept, composition, and execution of their personal ideas and themes. They will understand that art making is an ongoing process that uses informed as well as critical decision making to determine the outcomes to problems. During the creative process, students will be expected to develop a complete portfolio that addresses these issues in a personal way. The standard solution to various problems will be discouraged.

<u>Art I</u> Grades: 9, 10, 11, 12 Credits: 5	Prerequisites: None.
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Art I is an introductory course at the secondary level that will foster an understanding of art as it is primarily related to the expression of ideas and to develop avenues for the expression of these ideas. A wide range of media will be explored through the applications of the elements of art and principles of design. Students shall use the skills acquired to become mature, productive members of society in order to further develop a portfolio incorporating techniques and media of their choice.

<u>Art II</u> Grades 9, 10, 11, 12 Credits: 5	Prerequisites: Art 1, or Art 8 with teacher recommendation for grade 9
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Art II is an advanced course requiring a prerequisite of a passing grade of an 85 or higher average in Art 100 and at least three completed work samples to be submitted in a portfolio presentation review. The purpose of the Art 200 course is to further build on the skills learned in Art 100 and to emphasize those techniques and safety procedures. It also provides the serious student with an increasingly specialized art background. The focus on color theory, advanced drawing techniques and painting skills are stressed in this course. The student is required to demonstrate an understanding of the elements and principles of design by using a more intensive exploration of various media such as watercolor, tempera and acrylic paints. Opportunities for independent study in a preferred medium will also be provided. The course also provides a background in art history and appreciation, through the study of the artwork produced by a variety of previous cultures and civilizations. Reference to various genres of artists and techniques will be offered. Careers associated with the art profession such as illustrator, fine artist and commercial artist are discussed. Teacher recommendation is required for admission to this advanced course.

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Cartooning

Grades 10, 11, 12
Credits: 2.5

Prerequisites: Art I

In this course, students explore cartooning and animation as an art form and career path stressing the development of artistic expression using traditional techniques and digital technology. The influence of cartooning and animation throughout history and across cultures is explored. Students begin by learning about composition and how a viewer's emotions can be manipulated using the Elements and Principles of Design. They learn the correct proportions to draw the human head, and how to distort those proportions in order to draw a caricature. Emphasis is placed on linear perspective and other methods of creating depth in artwork. Students learn how to letter artwork properly and how to present their art work upon completion. Basic ideas regarding panel composition, color theory, and panel/page layout are explored, along with various animation techniques, including: stop motion, eel and computer animation. Discussion of aesthetics and critiquing help students demonstrate and apply learned understandings.

Ceramics

Grades 10, 11, 12
Credits: 2.5

Prerequisites: None.

The purpose of *Ceramics* is to provide students with an understanding of the basics of ceramics/pottery. This will be accomplished by focusing on three basic methods of hand built pottery: pinch, coil and slab method. Students will develop a ceramic vocabulary as well as become adept at throwing on the potter's wheel. This is a semester course that will progress from the preparation of the clay for the firing process to learning the decorative techniques of glazing and under glazing. By combining various hand-building methods and glazing techniques to create new and unusual results, students become aware of career opportunities available to the ceramic artist.

Design

Grades 11, 12
Credits: 5

Prerequisites: Art II and teacher recommendation

Design is one of the only advanced courses that requires a prerequisite of a passing grade of an 85 average or higher in *Art 100* and *Art 200* and is offered to 11th and 12th- grade art students. The purpose of this course is to increase the students' artistic sense through the understanding and application of the principles and elements of design. The student further develops individual expression and creativity. In addition, commercial fields such as advertising, interior design, illustration, and architectural design will be discussed.

<p><u>Drawing and Watercolor</u> Grades 10, 11, 12 Credits: 2.5</p>	<p>Prerequisites: None.</p>
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Drawing and Watercolor provides the student with an intensive study of drawing as well as the development of technical skill with watercolor. The student will be presented with a variety of methods and will explore a variety of media in drawing including pencil, colored pencil, charcoal and marker. Instruction will further develop drawing skills and techniques needed to become better at drawing. Some of these techniques include observational, figure, still life, portraiture, and technical applications. The development of watercolor skills such as understanding the use of color, applications of techniques and the use of media with watercolor will be addressed. The emphasis of the course will be strengthening to student's ability to "see" and therefore, draw and paint accurately along with his/her handling of the drawing/watercolor materials.

<p><u>Instrumental Music/Band</u> Grades 9, 10, 11, 12 Credits: 5</p>	<p>Prerequisites: Teacher recommendation</p>
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The *Instrumental Music/Band* program in the Elmwood Park Public Schools is designed to allow each student to continually progress as a musician and achieve musical independence at a high level. Students build upon previously learned musical concepts and knowledge regarding note reading, pitch, melody and rhythm to name a few. Mastery of a musical instrument is a lifelong pursuit and regularly scheduled playing time is essential for the success of any musician.

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<p><u>Introduction to Theater Arts</u> Grades: 9, 10, 11, 12 Credits: 2.5</p>	<p>Prerequisites: None.</p>
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This course is designed to introduce students to the world of theater and performance. Students will participate in exercises and theater games to build self-esteem, trust, and empathy. With focus on bodily and oral communication and interpretation, the course will provide students with a strong foundation for the college or professional theater experience. Throughout the course extensive stage terminology, vocal production, philosophies of creating character, and varied script readings will be examined. This course focuses on improvisational training, interpretation skills, critical evaluations, and a variety of performances. By developing stronger observation/listening skills, learning to accept corrective criticism, and fostering compassion for others, a student will be better prepared for the road ahead of him in college or the workforce. Students will also gain practical experience by working on production(s) in a variety of positions such as acting, publicity, lighting, sound, stage design/construction, scenery, or costuming.

<p><u>Introduction to Theater Production</u> Grades: 9, 10, 11, 12 Credits: 2.5</p>	<p>Prerequisites: None.</p>
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This semester course is intended to introduce students to many of the practical aspects of staging a theatrical production. Students will learn how theatrical productions are planned and produced from beginning to end. Compared to Introduction to Theater Arts, this course will emphasize the behind-the-scenes and technical aspects of theater. Topics such as auditioning, casting, set design and construction, blocking and choreography, lighting, costuming, makeup, promotion, rehearsal, scheduling, stage management, props, and performance are all possible areas of focus for this course. This course ideally culminates in a collaborative, practical application of the skills learned.

Introduction to Multimedia

Grades 11 & 12
Credits: 5

Prerequisites: Art I

The *Introduction to Multimedia* course is a full year, 5-credit course covers topics that utilize contemporary methods for digitally designing multimedia. In this course, students will learn how to digitally create multimedia and prepare it for various end products including print and web. Topics will include digital camera functions, image capturing techniques, digital image and photo editing, 2D computer animation, XHTML, Web 2.0 tools, animation and motion, and web page layout and design. Students will have the opportunity to apply and demonstrate proficiency in concepts learned in this class by engaging in projects and activities assigned to give them experience using various forms of media to solve real-world problems.

Music Theory

Grades 10, 11, 12
Credits: 5

Prerequisites: None.

When thinking about music, we often think about sound and not knowledge. However, over centuries, music has been studied, developed, structured, and theorized. When we perform music, listen to music, or read sheet music, we experience the *what* of music. Studying music theory explores the *why* of music. This music theory course helps students to understand the foundations and structures of Western music by exploring the *why* of music. This course explores the foundations of music theory. Unlike performing ensembles, previous musical experience is not required to take this course, and it is open to any student in grades 9-12. During the duration of this course, students will create, recognize, and apply learned musical knowledge.

Theater I

Grades 10, 11, 12
Credits: 5

Prerequisites: None.

Theater I is a full-year course in which students immerse themselves deeply in the theatrical experience. This course is intended for students with some level of prior exposure to theater, be it through an introductory course, participation in a school play, or being part of a performance outside of the school environment. Through a synthesis of the history of theater, acting, and the technical aspects of stage productions, students will come to an intimate understanding of the world of theater. Students will hone their skills in preparing the artistic performance of a character, designing meaningful sets, and interpreting thought-provoking plays. Throughout the course, there will be collaborative applications of the skills learned on a recurring basis.

Vocal Performance I/II

Grades 9, 10, 11, 12
Credits: 5

Prerequisites: None.

The vocal music program is designed to allow each student to progress as a musician and achieve musical independence at a high level. Students build upon previously learned musical concepts and knowledge regarding note reading, pitch, melody and rhythm to name a few. Mastery of musical skills is a lifelong pursuit and regularly scheduled playing time is essential for the success of any musician.

World Languages Course Descriptions
5 credits (1 year) required for graduation.

<u>AP Spanish Language and Culture</u> Grades: 11, 12 Credits: 5	Prerequisites: Spanish III and teacher recommendation
<p>The AP Spanish Language and Culture course emphasizes communication (understanding and being understood by others) by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. To best facilitate the study of language and culture, the course is taught almost exclusively in Spanish. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions).</p>	

<u>Italian I</u> Grade: 9, 10, 11, 12 Credits: 5	Prerequisites: Introduction to Spanish Language and Culture, Spanish 8, or Italian 8.
<p><i>Italian I</i> is designed as a beginning Italian course open to all students in grades 9 through 12. Although some students may have been exposed to Italian in middle school, no previous knowledge is presupposed or required. The goal of the course is to introduce students to the Italian language in its spoken and written forms, as well as to the cultures of Italian-speaking countries. Students are encouraged to use Italian orally and in writing to describe everyday activities and topics pertinent to them. Everyday vocabulary, common expressions, idioms and present and past tense forms are presented in the course. Attention will be paid to proper pronunciation in the spoken language as well as spelling and punctuation in the written language. This course of study will proceed via a thematic approach. Topics include greetings, school, pastimes, food, family, clothing, vacations, the home, health and illness and community. Students are further assisted in acquiring the reading, listening, writing and speaking skills necessary in order to share and comprehend information relating to these everyday life situations.</p>	

Italian II

Grade: 10, 11, 12

Credits: 5

Prerequisites: Italian I

Italian II is designed as an intermediate Italian course open to all high school students who have successfully completed Italian I or its equivalent. The aim of the course is to further develop students' oral Italian language skills with increased emphasis on reading and writing. An increased vocabulary will enable students to converse in Italian in a more meaningful way with reference to a greater variety of topics. Extensive oral work will further improve proper pronunciation of the language and prepare students to further develop verbal and listening skills necessary so they may function in everyday life. Through this course, reading and oral comprehension of the Italian language will be increased with a variety of multi-sensory and multiple intelligence tiered instructional activities.

Furthermore, this course promotes the advancement of the students' writing skills of the language, including Italian grammar rules, through the composition of short sentences, paragraphs, and short letters. Additionally, the culture, history, and geography of Italy as well as Italian current events will be explored in this course through discussion, texts, maps and videos.

Italian III

Grade: 11, 12

Credits: 5

Prerequisites: Italian II

This course is designed to review and reinforce the skills introduced in the previous leveled courses, *Italian I* and *Italian II*. It is open to all students who have completed *Italian II* or its equivalent. It is presented as a two-year sequence with students at both levels in one class together. Although the third and fourth year students will follow the same curriculum, assignments and assessments are geared towards and differentiated for the particular learning level. The aim is to refine and improve the reading, writing and oral Italian skills of each student as such that these students will be able to converse on everyday topics in fluent Italian and to read Italian periodicals and literature. Reading comprehension shall be developed in this course to allow understanding of articles and short stories that are written in Italian and are several pages in length. Writing skills in this course will also continue to advance so that students will be able to write a short paper or report in Italian. Oral work for this course will include skits performed in Italian and oral readings of the language to help further improve pronunciation and inflection as well as to make students more proficient in conversing in Italian. Additionally, grammar study will continue to reinforce verb tenses and allow for the understanding of both oral and written expressions and idioms of the Italian language. Furthermore, classes in this course are primarily conducted in Italian so that the students have the opportunity to continually practice their speaking and listening skills of the language. In addition, students will prepare oral and written reports on various topics of Italian culture and life. Students are also encouraged to explore career opportunities that are enhanced by the learning of a foreign language.

<p><u>Spanish I</u> Grade: 9, 10, 11, 12 Credits: 5</p>	<p>Prerequisites: None.</p>
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Spanish I is designed as a beginning Spanish course open to all students in grades 9 through 12, who have been exposed to Spanish in middle school. The goal of the course is to introduce students to the Spanish language in its spoken and written forms, as well as to the cultures of Spanish-speaking countries. Students are encouraged to use Spanish orally and in writing to describe everyday activities and topics pertinent to them. Everyday vocabulary, common expressions, idioms, and present tense verb forms are presented in the course. Attention will be paid to proper pronunciation in the spoken language as well as spelling and punctuation in the written language.

<p><u>Spanish II</u> Grade: 9, 10, 11, 12 Credits: 5</p>	<p>Prerequisites: Spanish I, or Spanish 8 and teacher recommendation for grade 9</p>
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Spanish II is designed as an intermediate Spanish course open to all high school students who have successfully completed *Spanish I* or have sufficient Spanish language skills. The aim of the course is to further develop the student's oral skills while placing increased emphasis on reading and writing. Acquisition of more detailed and abstract vocabulary shall allow students to read and converse on a greater variety of topics and to express opinions and gather information. Reading comprehension shall be developed to include text of several paragraphs in length, and students will begin to work with authentic publications (advertisements, newspaper, internet articles, etc.) Aural comprehension shall be increased with continued teacher exercises, music, audio and videotaped materials. Writing skills shall include written dialogues, stories and original essays about which students shall be prepared to write sentences, paragraphs and short letters. Grammar study shall include structures to allow for understanding and expression (oral and written) of tenses in present, including reflexive and radical changing verbs, past (imperfect and preterit), and the future of the indicative and conditional moods. Culture lessons shall provide students with an overview of the geography, life styles and perspective of the people in Spain and Latin America as well as their lifestyle perspective.

<p><u>Spanish III</u> Grade: 9, 10, 11, 12 Credits: 5</p>	<p>Prerequisites: Spanish II</p>
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Spanish III is designed to review and reinforce the skills introduced in previous levels. It is open to all students in grades ten to twelve who have completed *Spanish II* or its equivalent. The aim is to improve the reading, writing, and oral skills of each student so that students exiting the class will be able to converse on everyday topics. Reading comprehension shall be developed to show an understanding of articles of several pages in length or short stories. Selections include information on various Latin American countries, geography, race and ethnicity, the arts, daily cultural life, architecture, and Pre-Columbian civilizations. Writing skills shall be developed in order that students are able to write a short story or report. Grammar study will review and expand upon previously learned tenses (present, preterite, imperfect, future, present perfect, pluperfect of the indicative mood as well as present and past progressive and conditional moods). Classes are conducted in Spanish, permitting continuous opportunities to practice speaking, listening, reading, and writing skills. In addition, students will present brief oral reports of various cultural topics presented in class. Each month students will explore one career opportunity that can be enhanced by foreign language study.

SPECIAL EDUCATION AND STUDENT SUPPORT SERVICE PLANNING

Scheduling for special education students is a collaborative process between the student's guidance counselor and Child Study Team (CST) case manager. Memorial High School has a full CST which consists of school psychologists and school social workers. The CST assists in the educational planning and programs for the special education students.

Special education students are provided a variety of supports based upon their individual needs as stated in their Individualized Education Plan (IEP). The Elmwood Park Board of Education is responsible for utilizing the least restrictive environment for the student who requires special education support placements.

An **Inclusion Class** is a general education class having two teachers (one general education teacher and one special education teacher). Both teachers are responsible for teaching the course content. The special education teacher ensures that the special education student fully understands the material by making the necessary accommodations and modifications as stated in the IEP.

A **Resource Class** is one with a smaller number of students and is taught by a special education teacher. Course content remains the same as the general education curriculum; however, specialized strategies and techniques are provided as learning is geared toward the student's individualized learning style.

A **Flex-time Class** is an instructional setting with an even smaller number of students, also taught by a special education teacher. Course content follows the general education curriculum. In addition to specialized strategies and techniques provided to meet the student's individualized learning style, students learn in a small-group setting, allowing for more personalized instruction and employment of specialized interventions.

Click [here](#) to learn more about our Special Services Department and Team.

SPECIAL EDUCATION & STUDENT SUPPORT SERVICE PLANNING

GIFTED AND TALENTED PROGRAM

The purpose of the Gifted and Talented (G & T) Program at Elmwood Park Public Schools is to provide the appropriate educational services for those students who have been identified with exceptional abilities. The district recognizes that the identified gifted and talented students must receive a challenging, differentiated curriculum that will provide them with the opportunity to fulfill their potential and is committed to meeting their unique needs. The district continues to provide innovative educational opportunities for these students, evaluate our program, and make adjustments as needed.

How is eligibility for participation in the Gifted and Talented Program determined?

Regulations require that students be compared to their chronological peers in the local school district. The school district uses multiple measures to identify such students, in accordance with State regulations. The measures used in the district's ongoing K-12 identification process for G & T Program participation include, but are not limited to, achievement test scores; grades; student performance or products; intelligence testing; nomination; and screening tools.

Grades, nominations, and intelligence test and assessment results are reviewed at the end of the school year, but reviews continue into the following academic year through open enrollment periods. A notification is sent to parent(s)/guardian(s) upon final determination of eligibility to participate in the program. Final eligibility will be at the discretion of the teacher; supervisors; school principal; Director of Curriculum, Instruction, and Evaluation; and/or the Director of Special Services.

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ENGLISH LANGUAGE LEARNERS

The *English as a Second Language* curriculum is designed to provide learning opportunities in the English language and in American Culture for students who are identified as Limited English Proficient (LEP) or English Language Learners (ELLs). Our curriculum is created to meet the needs of our students based on all levels of English Language Proficiency as determined by the World-Class Instructional Design and Assessment (WIDA). Learning to listen, speak, read, and write in English is crucial for newcomers to the American education experience. ESL/ELL instruction enables the student to progress through the different levels of language proficiency by using various teaching methodologies, which include a holistic approach to reading and writing, teaching through content, and the development of critical skills in all domains of language through an emphasis on authentic meaning and language function.

DUAL ENROLLMENT

Juniors and seniors have the opportunity to take dual credit courses at Memorial High School through our partnership with Fairleigh Dickinson University (FDU) as part of the Middle College Program. Memorial High School offers 3 courses for this program: Anatomy & Physiology, Creative Writing, and Psychology. Enrollment in these courses are subject to space and availability. Students who complete the course with a grade of C or better will receive 3 college credits documented on an FDU transcript. Complete details about this program will be communicated to students and parents at the beginning of the school year when students have requested and been approved for scheduling into the dual enrollment class.

SEAL OF BILITERACY

For schools that voluntarily participate in the program, the State of New Jersey Department of Education (NJDOE) awards eligible 12th-grade high school students with a Seal of Biliteracy.

Students who are awarded the Seal of Biliteracy will receive an NJDOE-issued certificate and transcript notation indicating the receipt of the State Seal of Biliteracy if students demonstrate proficiency in English and a World Language. The Seal of Biliteracy can be viewed as a highly attractive addition to a student's transcript when applying to college.

Eligibility criteria and information on how to qualify for the NJDOE Seal of Biliteracy is provided to students at the beginning of each school year. Students can check with their world language teachers or guidance counselors if they have any questions.

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