



MANASQUAN HIGH SCHOOL

COURSE OFFERING GUIDE

Mission Statement
2019-2020

The Manasquan School District empowers all students by providing a safe, healthy, and inclusive environment where continual growth, perseverance, and rigorous academic standards are balanced with extensive extra-curricular opportunities and rich tradition through partnership with the community.

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Supervisor of Special Services	Margaret Polak, B.A., M.A., Ed.S.
Supervisor of Math, Science	Craig Murin, B.S., M.A.

The Manasquan Board of Education ensures equal educational opportunities regardless of race, color, creed, religion, sex, ancestry, national origin, handicap or social economic status.

Mr. Justin Roach, Affirmative Action Officer

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For additional information about any of Manasquan High School's courses and programs, please see your school counselor. All courses are subject to change based on enrollment.

Home of the Warriors!

Counseling and Guidance Services

The programs that individuals pursue in high school should reflect their aspirations, aptitudes, and achievements. Because individuals differ, programs too, must differ. Since post-high school requirements for employment, college or vocational technical training are constantly changing, students must frequently reevaluate themselves in terms of their immediate and long-range goals.

Parents/guardians are expected to assist the student in the development of a curriculum plan. They should monitor the student's performance and progress. School counselors are resources for both students and adults in the development and monitoring of educational programs. School counselors conduct individual conferences and group lessons to help students with educational planning.

Counselor Assignments

Ms. Lauren Saliski (732) 528-8820 Ext. 1016 lsaliski@manasquanboe.org	9th Grade A-Z
Mrs. Lauren Duggan (732) 528-8820 Ext. 1015 lduggan@manasquanboe.org	Grade 10-12 A-G
Mrs. Alicia Narucki (732) 528-8820 Ext. 1013 anarucki@manasquanboe.org	Grade 10-12 H-N
Mr. Erich Hoffman (732) 528-8820 Ext. 1014 ehoffman@manasquanboe.org	Grade 10-12 O-Z
Ms. Leigh Busco 732 528-8820 Ext. 1048 lbusco@manasquanboe.org	Student Assistance Counselor
Ms. Liz Rudder 732-528-8820 Ext. 1047 erudder@manasquanboe.org	Social Worker
Mrs. Lesley Kenney, Director of School Counseling Services, K-12 732-528-8820 x 1010 LKenney@manasquan.k12.nj.us	



General Information

Graduation Requirements

In order for a student to graduate and receive a high school diploma from Manasquan High School, each student must: Earn a minimum of 150 credits by successful completion of the prescribed courses listed in the chart and as outlined in the course descriptions.

In order to graduate from Manasquan High School, a student must complete 150 credits during the course of grades 9 through 12. Satisfactory completion of a full-year course earns five credits and satisfactory completion of a half-year course earns 2.5 credits.

The courses may be taken in any department or subject areas, but they must include:

<u>Subject</u>	<u>Credits Required</u>
English	20
World History	5
U.S. History (I & II)	10
Mathematics*	15
Science**	15
World Language	5
Visual and Performing Arts	5
21st Century Life and Careers, or Career-Technical Education	5
Financial, Economic, Business or Entrepreneurial Literacy	2.5
Health and Physical Education	20
Minimum additional credits	47.5
Total Needed for Graduation	150

*Courses must include Algebra I, Geometry, and Algebra 2 (or a third year of math that builds upon the concepts and skills of algebra and geometry and prepares students for college and 21st century careers).

**Students must complete at least five credits in Laboratory Biology/Life Science or the content equivalents, an additional laboratory/inquiry-based science course including Chemistry, Environmental Science, or Physics, and a third laboratory/inquiry-based science course.



New Jersey High School Graduation Assessment Requirements

On February 22, 2019, the New Jersey Department of Education (NJDOE) updated the high school graduation assessment requirements in both English Language Arts/Literacy (ELA) and mathematics for the Classes of 2019 and 2020, pursuant to a consent order from the Appellate Division of the New Jersey Superior Court.

The Classes of 2019 and 2020

Students graduating as members of the Classes of 2019 and 2020 can meet graduation assessment requirements through any of these three pathways:

- (1) Achieve passing scores on high school level NJSLA/PARCC assessments;
- (2) Achieve scores defined in the table below on alternative assessments such as the SAT, ACT, or ACCUPLACER; or
- (3) Submit, through the district, a student portfolio appeal to the NJDOE.

Each school year the NJDOE will determine the proficiency level and/or cut scores needed on the assessments to meet the graduation assessment requirements. The proficiency levels/cut scores for the Classes of 2019 and 2020 are below.

Note: Special Education students, whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies, will continue to follow the graduation assessment requirements set forth in their IEPs.

The Class of 2021 and Beyond

The NJDOE will continue to work with the New Jersey State Board of Education to address, through the regulatory process, the Appellate Division’s December 31, 2018 decision. It is the goal of the NJDOE to address this matter in a thoughtful yet expeditious manner.

ELA and Math Assessment Graduation Requirements for the Classes of 2019 and 2020

This document reflects the high school graduation assessment requirements for the Classes of 2019 and 2020, pursuant to a consent order received by the NJDOE from the Appellate Division of the New Jersey Superior Court. The requirements for the Class of 2019 remain unchanged from the requirements that have been effective since September 6, 2016. However, the requirements for the Class of 2020 were modified through the consent order. Please note the cut scores listed below are the same cut scores that were available to the Class of 2018.

Pathways Available	English Language Arts/Literacy (ELA)	Mathematics
First Pathway: Take and Pass a PARCC/NJSLA Test	NJSLA/PARCC ELA Grade 9 \geq 750 (Level 4), <i>or</i> NJSLA/PARCC ELA Grade 10 \geq 750 (Level 4), <i>or</i> NJSLA/PARCC ELA Grade 11 \geq 725 (Level 3)	PARCC Algebra I \geq 750 (Level 4), <i>or</i> PARCC Geometry \geq 725 (Level 3), <i>or</i> PARCC Algebra II \geq 725 (Level 3)
Second Pathway: Meet Designated Cut Score on One of the Alternative Assessments	SAT Critical Reading (taken before 3/1/16) \geq 400, <i>or</i> SAT Evidence-Based Reading and Writing Section (taken 3/1/16 or later) \geq 450, <i>or</i> SAT Reading Test (taken 3/1/16 or later) \geq 22, <i>or</i> ACT Reading or ACT PLAN Reading ² \geq 16, <i>or</i> ACCUPLACER WritePlacer \geq 6, <i>or</i> ACCUPLACER WritePlacer ESL \geq 4, <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading (taken before 10/1/15) \geq 40, <i>or</i> PSAT10 Reading or PSAT/NMSQT Reading (taken 10/1/15 or later) \geq 22, <i>or</i> ACT Aspire Reading ² \geq 422, <i>or</i> ASVAB-AFQT Composite \geq 31	SAT Math (taken before 3/1/16) \geq 400, <i>or</i> SAT Math Section (taken 3/1/16 or later) \geq 440, <i>or</i> SAT Math Test (taken 3/1/16 or later) \geq 22, <i>or</i> ACT or ACT PLAN Math ¹ \geq 16, <i>or</i> ACCUPLACER Elementary Algebra \geq 76, <i>or</i> Next-Generation ACCUPLACER Quantitative Reasoning, Algebra, and Statistics (QAS) (beginning January 2019) ² \geq 255, <i>or</i> PSAT10 Math or PSAT/NMSQT Math (taken before 10/1/15) \geq 40, <i>or</i> PSAT10 Math or PSAT/NMSQT Math (taken 10/1/15 or later) \geq 22, <i>or</i> ACT Aspire Math ² \geq 422, <i>or</i> ASVAB-AFQT Composite \geq 31
Third Pathway: Portfolio Appeals	Meet the criteria of the NJDOE Portfolio Appeal for ELA	Meet the criteria of the NJDOE Portfolio Appeal for Math

¹ Test is no longer administered but can be used for the graduating year.

² Beginning on **Monday, January 28, 2019**, classic ACCUPLACER tests were no longer available. QAS will replace ACCUPLACER Elementary Algebra.

College Requirements and Recommendations

While colleges vary widely in their admissions requirements, most colleges generally expect a student to have completed at least eighteen to twenty college preparatory courses (courses in English, Mathematics, Science, Social Studies and World Language) by graduation. A student who carries four or five college preparatory subjects a year during grades 9, 10, 11 and 12 will have fulfilled this requirement. In addition, most colleges require that the college preparatory courses be distributed in certain subject matter areas. Although many of the more competitive colleges may prefer a much stronger program than the suggested plan below, and a number of other colleges may require less than the following program, **in general**, a college-bound student should plan to study:

- 4 years of English
- 3 or 4 years of college prep mathematics
- 3 or more years of a laboratory science
- 2 or 3 years of one World Language
- 3 or more years of social studies
- A total of 18-20 college prep courses or equivalent

In addition, student athletes anticipating attending a Division I or II school, must meet the requirements the NCAA Clearinghouse. Please see your counselor if you are considering athletic participation in college.

Academic Requirements for Athletic Participation

The following outlines the credit requirements established by the New Jersey State Interscholastic Athletic Association (NJSIAA) for students to be eligible for athletic participation.

- To be eligible for athletic competition during the first semester (September 1 to January 31) a pupil must have passed 25% of the credits (30) required by the State of New Jersey for graduation (120), during the immediately preceding academic year.
- To be eligible for athletic competition during the second semester (February 1 to June 30), a pupil must have passed the equivalent of 12.5% of the credits (15) required by the State of New Jersey for graduation (120) at the close of the preceding semester (January 31). Full-year courses shall be equated as one-half of the total credits to be gained for the full year to determine credits passed during the immediately preceding semester.

More information about the NJSIAA requirements for athletic participation can be found in the NJSIAA Constitution, Bylaws, Rules & Regulations at <http://www.njsiaa.org/resources/njsiaa-handbook>

Participation in College Athletics

Students intending to participate in NCAA Division I or II college athletics as a freshman must be certified by the NCAA Eligibility Center. Certain academic criteria in high school must be achieved in order to be eligible to participate in college. For a list of Manasquan Schools approved courses, go to: www.eligibilitycenter.org and click on "College-Bound Student-Athletes / Resources / US Students / List of NCAA Courses" for specific requirements, application, and a list of approved Manasquan High School courses. The NCAA now requires all student athletes to register with the eligibility center prior to accepting offers of (official college visits).

Grade Level Promotion Requirements

In order for students to be promoted to the next grade level, they must have successfully completed a required amount of credits during the school year (September through August).

9th to 10th grade: 35 Credits

10th to 11th grade: 70 Credits

11th to 12th grade: 110 Credits

Class/Course Changes

See Student Handbook for the 2019-2020 School Year

Communication of Student Progress

All parents are encouraged to create an account to access the Genesis Student Database Management System online portal. Parents/guardians should regularly check student progress, attendance, missing assignments and grades. If parents/guardians have questions concerning the academic progress of their child, the parents/guardians should first contact the classroom teacher and then, if necessary, the appropriate department supervisor. For concerns about overall progress in high school, the parents/guardians should contact the counselor. Please note that only the final grade for each course appears on the student's permanent transcript.

Process for Resolving Incomplete Grades

1. A grade of Incomplete (I) will be given only when there is just cause, e.g., work missing due to absence or illness. Otherwise, students are expected to submit work on time. While it is permissible to accept work that is late, students are expected to complete all work prior to the end of the marking period.
2. Unless there are extenuating circumstances, students are expected to resolve incompletes no later than ten school days after the close of the marking period. Unresolved "I's" will be automatically turned into the earned grade after 10 days. If an extension is sought, a request must go through the subject supervisor.

Review for Credit / Summer School

Any student attending Manasquan High School who receives a 69 or below in a course taken during the regular school year receives zero credits towards graduation for that course. Students who need the course, or want to earn the credits lost by failing a course during the regular school year, may opt to:

- a. Repeat the course during a future regular school year
- b. Enroll in a summer school program approved by Manasquan High School

Information about summer school will be posted on the district website as it becomes available, or through the summer school office of another participating school district.

Credit may be earned in the summer for a maximum of two courses. A student must be enrolled for a minimum of 60 hours for a five-credit review course (a course originally failed). A grade will be recorded resulting in no adjustment to the student's GPA. The appropriate credits will be awarded to those who successfully complete the course work. The original failing grade will be maintained on the student's permanent record.

All Summer School courses must be completed prior to the first day of school for a student to advance into the next course. Failure to do so will result in the student repeating the course during the school year.

Honors and Advanced Placement Courses

Honors and Advanced Placement courses are offered in English, Social Studies, Mathematics, Science, Art, Psychology and World Languages. These courses are designed to provide students with an academic challenge beyond that which is provided in other courses. Differences are both qualitative and quantitative; that is, there is a greater amount of work required and the work is more difficult.

Honors/AP Students must be prepared to accept the academic challenges which go with these courses. Specifically, students applying to these courses should:

- have a high level of interest in the subject matter and be motivated to learn and participate
- have an academic ability strong enough to handle the subject matter
- have the background and academic preparation in classroom discussions
- have the background and academic preparation required to handle the course
- demonstrate the characteristics of maturity, self-discipline, persistence and independence

Honors and Advanced Placement courses carry additional weight when computing grade point averages and class rank, and the designation "honors" or "AP" is shown on the transcript.

All students enrolled in AP Courses will be required to take the AP Exam

Requirements for Admission into the Honors Curriculum

In order to qualify for an honors level course, students must have at least a 93 average in the previous non-honors curriculum. To stay in an honors track, students must maintain an 85 average within the Honors course.

Should a student not meet the requirement to enroll in an Honors or Advanced Placement class, he or she still has the opportunity to complete a waiver form for admittance into the class. To waive into an Honors or Advanced Placement course, the student and parent must complete the following steps:

1. Meet and discuss course requirements with their current teacher.
2. Meet with their Guidance Counselor to determine how this would impact the student's 4-year academic program
3. Complete an Honors/AP Waiver Form. This form must be signed by the student, parent, Counselor, Department Supervisor and Principal.

Students are reminded that by waiving into a higher level course, the requirements and expectations will be more rigorous. The time commitment required of these courses is substantial, and students must consider this when requesting a course waiver.



Special Programs and Academies

MANASQUAN HIGH SCHOOL EARLY COLLEGE PROGRAM

Manasquan High School Early College Program is designed for students looking for a unique high school experience. The program follows a prescribed rigorous curriculum that enables students to earn their high school diploma and an Associate of Arts Social Science degree in four years (60 college credits). Students concurrently complete coursework offered by Brookdale Community College and Manasquan School District. The criteria, application process, Brookdale requirements and program costs (cost per college credit) can be accessed on the Manasquan High School website.

ACADEMY OF HEALTH CAREERS

The Rutgers University Health Science Careers Program has a broad-based interdisciplinary curriculum. The Program offers a composite of college-level, general health care, communication, and science course work. Manasquan's Rutgers University Program provides students with the potential to earn college credits while being exposed to communication and problem solving skills in the health science field. All college coursework offered by the program is afforded to the students on a tuition free basis. The overall purpose is to allow students to receive college credit and health care practitioner skills, while keeping multiple healthcare career options open to them. To participate in the Health Science Careers Program, and be eligible for college credit, students must complete the Dynamics of Healthcare in Society course and at least one other course. For the 2019-2020 school year, a \$25.00 fee is required for each Health Science Careers Program Exam taken at Rutgers University.

ACADEMY OF ENGINEERING

The Academy of Engineering (AOE) is a Manasquan High School Academy in which students have the opportunity to take courses within the field of Engineering. It is a "hands-on" student-centered Academy designed to promote creative problem solving, critical thinking, and collaboration. Academy of Engineering students will take specialized elective courses, use the Innovation Lab for personal projects, participate in field trips, as well as apply for scholarships, internships, and job-shadowing positions with local engineering firms. Students are also challenged to apply their learning and improve their leadership skills through participation in a wide range of engineering-focused service-learning projects such as the state-wide, sustainability focused STEAM Tank Challenge. Manasquan High School is excited to partner with New Jersey Institute of Technology (NJIT) for a Dual College-Enrollment Option. Utilizing NJIT's *Options for Advanced Academic Achievement* program, Manasquan High School will provide an opportunity for qualified high school students to enroll in college level engineering courses and earn college-credits while on our high school campus.

ACADEMY OF PUBLIC SAFETY

The Academy of Public Safety is a program designed to introduce Manasquan High School students to the field of emergency services. Students interested can prepare themselves for careers in law enforcement, fire service or emergency medical technician. The curriculum is designed to challenge students with various law enforcement objectives including field experiences and hands on projects. Projects include, crime scene search, identifying fingerprints, motor vehicle crash investigation, arson investigations and many other analytical methods of investigations. Graduates can receive college credits in Criminal Justice and a Special Law Enforcement Officer Class 1 certification.

ACADEMY OF FINANCE

Manasquan High School (MHS) offers an exciting academic program with their nationally recognized Academy of Finance (AOF). The AOF is designed to prepare students with skills needed for the highly competitive business and financial services industry of the 21st Century. The main objective of the program is to prepare students for the demands of college and ultimately the work force. Classroom instruction is supplemented by guest speakers, job shadowing, internships and field trips. Additionally, AOF students can earn 15 college credits through Georgian Court University's (GCU) Course Ahead Program; three college credits for each of the five AOF classes – Introduction to Business, Accounting, Economics, Entrepreneurship, and Financial Planning. GCU's School of Business and Digital Media enjoys national accreditation from the Accreditation Council for Business Schools and Programs (ACBSP) for its undergraduate and graduate programs. These credits are accepted at most colleges and universities throughout the United States. Upon completion of the AOF program, students will receive a Certificate of Financial Studies.

ACADEMY OF VISUAL AND PERFORMING ARTS

The Academy for Visual and Performing Arts at Manasquan High School provides interested students with a focused curriculum and a career-based experience in the creative arts. Students can select courses in the field of **art, dance, or music**. By their junior year, after completing the foundation courses, Academy students will select an area of concentration within their chosen field. Showcasing student work and performances are an integral part of the program. All curriculum is aligned with the NJ Visual and Performing Arts Core Curriculum Content Standards and emphasizes interdisciplinary activities, cultural and historical relationships, career opportunities and college preparation in the arts. Students who elect not to enroll in the Academy may still take many of the courses listed.

JUNIOR RESERVE OFFICER TRAINING CORPS (JROTC)

In partnership with Wall Township High School, students interested in the JROTC will have the ability to participate in this program. Students will share time between Manasquan High School and Wall Township High School. **Please note: This program is paid for by the parent/guardian.*

Please Note: College Institutions can decide for themselves whether students can apply earned college credits toward the overall college graduation requirements, skip curriculum electives, or simply advance into upper-level courses. Students are expected to work with their school counselors and the individual colleges to determine the transferability of credits.



ENGLISH

Supervisor: Mrs. Barbara Kerensky

ENGLISH I

(9)

5 Credits

This course introduces students to a variety of literary genres through which they develop skills in critical reading and composition. Students explore unit and course level essential questions around the experiences, goals, and relationships between individuals and the society within which they live. Each unit of study requires students to investigate and synthesize ideas within core anchor texts and smaller readings from classic and modern works of fiction and non-fiction such as short stories, poems, editorials, speeches and essays. Writing instruction emphasizes the writing process, inquiry and research skills, source evaluation and use of appropriate grammar, syntax and vocabulary. Students participate in literary analysis, narrative writing and research simulation tasks. They also engage in effective collaboration and discussion, make presentations of research, interpretations, and arguments.

ENGLISH I HONORS

(9)

5 Credits

Prerequisite: Acceptance into the Honors Program

This course is a more rigorous version of English I designed to challenge the highly-motivated student with advanced skills in critical reading and composition. Students are required to synthesize texts that are longer or more complex and produce compositions with more development and sophistication. This course provides an intensive study of literary forms, including rhetorical devices, methods of critical analysis, and various modes of composition. Vocabulary development and grammar study are important elements of the course, as is the acquisition of effective collaboration and oral discussion skills. Students must meet the established criteria to enter an honors course.

ENGLISH II

(10)

5 Credits

This course enriches the language arts, inquiry, and synthesis skills developed in English I. Literature and language study continue to emphasize vocabulary acquisition, an understanding of grammar as an element of style, analytical, and critical thinking, and the explication and synthesis of authors' ideas in student writing. Students continue to develop their writing and discussion skills through the analysis and synthesis of literary works, poetry, informational text, documents, and speeches. The course explores both classic and contemporary literature incorporated into units of study designed around essential questions and college and career readiness skills.

ENGLISH II HONORS

(10)

5 Credits

This course extends the high academic rigor of the English I Honors curriculum. Students continue an intensive study of literature, non-fiction and composition. They develop mastery of literary forms, rhetorical devices, methods of critical analysis, vocabulary skills, and further develop their writing. Collaboration skills and debate/presentation skills are also components of the curriculum. Students will continue to expand their knowledge of challenging classic and modern texts from a variety of genres, including poetry, the novel, the short story, non-fiction, and drama. Students will demonstrate increased proficiency with a variety of writing modes, web literacy, and the research/inquiry process. This course prepares students for English III Honors or a college level Advanced Placement Course – English Language and Composition. Students must meet the established criteria to enter an honors course.

ENGLISH III

(11)

5 Credits

This course continues the department's emphasis on critical reading, writing skills, and use of language as outlined in the Common Core Standards. Students develop their literary analysis skills, and oral and written communication skills while becoming more knowledgeable about literature and the various literary genres. While engaging in analysis of a variety of textual material, students also examine contemporary issues, present arguments supported by documented evidence, and propose ideas in writing and discussion. Practice for SATs, ACTs and college essay writing are also incorporated into the curriculum.

ENGLISH III HONORS

(11)

5 Credits

This course is a more rigorous version of English III and challenges students to be active readers, and critical thinkers who can proficiently articulate well-developed ideas in written work and discussions. Students read a diverse selection of fiction, non-fiction, poetry, plays, speeches and documents which represent a variety of issues, perspectives, and cultures. Students reflect on reading assignments, make projections of literary outcomes, engage in analysis of texts and examine and respond to contemporary issues and trends. In focused discussions, students present ideas and questions based on information found in texts and develop, through careful analysis, their own opinions and ideas. Students who complete this course are well-prepared for English IV Honors or the college level Advanced Placement course – English Literature and Composition. Practice for SATs, ACTs and college essay writing are also incorporated into the curriculum. Students must meet the established criteria to enter an honors course.

ENGLISH IV

(12)

5 Credits

This course presents challenging classic and contemporary literature and informational readings through which students must recognize and analyze universal themes, appreciate diverse cultures and perspectives and understand the human experience. They present their ideas during discussions, in writing, and through multimedia presentations. Students refine their ability to analyze text, synthesize ideas, and present their thoughts using text support and a well-developed writing style. Students become cognizant of their own composing processes: the way they explore ideas, reconsider strategies, revise their work, and write in informal as well as formal contexts and learn to take compositional risks. Practice for college admission tests and essay writing is infused into the curriculum.

ENGLISH IV HONORS

(12)

5 Credits

This course incorporates all the challenges of English IV with the integration of some of the higher level reading and critical analysis expected of the Advanced Placement English Literature and Composition class. Writing informative/explanatory texts to examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content is emphasized. Students refine their ability to analyze text, synthesize ideas, present their thoughts using text support, and find their voice in a variety of writing modes during discussions and through multimedia presentations. The concentration on language use in this course enhances students' ability to use grammatical conventions with sophistication and to develop stylistic maturity in their prose. Practice for college admission tests and essay writing is infused in the curriculum. Students must meet the established criteria to enter an honors course.

ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION

(11)

5 Credits

This course follows a curriculum approved by College Board. The successful completion of the course and a score of a 3 or better on the Advanced Placement Exam can earn a student college credit. This course trains students to become skilled readers of prose written in a variety of rhetorical contexts and to write for a variety of purposes. Students learn of the interactions between a writer's purpose, audience expectations and subjects as well as the way genre conventions and the resources of language contribute to effectiveness in writing. Students engage in expository, analytical and argumentative writing as well as reflective and personal composition. They read primary and secondary sources carefully to synthesize material from these texts to support ideas and opinions they develop in writing and through discussions. This course enables students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Students must meet the established criteria to enter an honors course.

ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

(12)

5 Credits

This course follows a curriculum approved by College Board. The successful completion of the course and a score of a 3 or better on the Advanced Placement Exam can earn a student college credit. This course engages students in the careful reading and critical analysis of literature from various genres and periods concentrating on works of recognized merit. Through close reading of selected texts, students deepen their understanding of the ways writers use language to provide meaning. They consider a work's structure, style and themes as well as figurative language, imagery, symbolism and tone. Writing is an integral part of the program and focuses on critical analysis of the literature and includes expository, analytical and argumentative essays. Students develop the ability to write clearly and convincingly to express what they understand about literary works. Students must meet the established criteria to enter an honors course.

WRITING

(9,10,11,12)

2.5 Credits

In this semester length course, emphasis is placed on improving expression and style in expository writing by studying and practicing the several types of writing. Opportunities for creative expression in original poetry, short stories and drama are offered with peer evaluation. Students who wish to enhance their writing skills are urged to select this course.

SCREENWRITING

(9,10,11,12)

2.5 Credits

Screenwriting appeals to students who enjoy movies and writing. This class concentrates on the specific genre of screenwriting: writing for film and television. This course will be modeled after the U.C.L.A. School of Theater, Film and Television Screenwriting program. It will stress the theory and crafts of professional screenwriting. Students will learn concepts of story, structure and character. Students will read classic screenplays and analyze their films. Dialogue, style, and rules of writing and styles will become second nature. By the end of the course, students will draft, write and revise two short screenplays.

PRINT MEDIA PUBLICATION I

(11)

5 Credits

Print Media Publication is a course designed for students looking to pursue careers and passions in the areas of writing, photojournalism, business, or digital and graphic design. Academic coursework will explore the necessary skills, organizational structures, and job roles, within the print-based media industry; the financial issues and market trends affecting the industry; and the legal, ethical, and professional obligations of print media publication. In addition, students will receive hands-on training that will include overseeing the start-to-finish production of the Manasquan High School yearbook and maintenance of MHS's online SNO site. Additional field opportunities and student internships may also be available through enrollment in this course.

PRINT MEDIA PUBLICATION II

(12)

5 Credits

Pre-requisite: Print Media Publication I

This course is designed for those students who would like to continue their study of print media and take a leadership role in the organization, publication and sale of the Manasquan High School yearbook. Students will continue to develop their skills in writing, photojournalism, digital and graphic design. It will be this group's responsibility to ensure that all publications, specifically the school yearbook, meet the established criteria, are properly edited, and page deadlines as well as financial responsibilities are met.

JOURNALISM/JOURNALISM WORKSHOP

(10,11,12)

5 Credits

Journalism Workshop is an exciting elective class in which students learn to write all styles of newspaper stories, ranging from news and editorials to features and reviews. Students also experience the prowess of newspaper publication; as monthly issues of Manasquan High School's Blue & Gray are produced. Whether hatching ideas for interesting stories or reporting school events, the process includes decision making, interviewing, researching, writing, revising, and editing, as well as photography, page design, and computer layout. Students enrolled in the course must participate in this process and accept the responsibility of working both individually and as a team in order to manage multiple responsibilities, solve problems, and meet deadlines.

FILMS, FLICKS, AND MOVIES: INTRODUCTION TO CINEMA STUDIES

(10,11,12)

2.5 Credits

This course is dedicated to the critical study of classic and award-winning films. Students interested in this course will learn how to "read" the visual language of film, which is essential to functioning in our current world where so much is communicated visually and even subliminally. Students will be introduced to classic cinema and the cultural, historical, and artistic significance of film. Films studied will include Academy Award winners and nominees from the 1930s to the present, classic genres, as well as significant films recognized by the American Film Institute. Students who love movies and have impeccable attendance (most films cannot be seen outside of class) should consider this interesting elective.



SOCIAL STUDIES

Supervisor: Mr. Rick Coppola

WORLD HISTORY

(9)

5 Credits

World History includes a survey of the world's geographical, political and cultural regions, past and present. The course focuses on examining the continuing interrelationships connecting these regions. The course deals with The Emergence of the First Global Age, The Age of Revolution, A Half Century of Crisis and Achievement, 20th Century since 1945 and Challenges for the Modern World.

WORLD HISTORY HONORS

(9)

5 Credits

Prerequisite: Acceptance into the Honors Program

The World History Honors Course will be a rigorous in-depth survey of the world's Geographical Political and Cultural regions past and present. The course focuses on examining the continuing inter- relationships connecting these regions. The course deals with the Emergence of the First Global Age, The Age of Revolution, A Half Century of Crisis and Achievement, The 20th Century since 1945 and Challenges for the Modern World. Students will be expected to have a high level of interest in the subject matter, and a strong academic ability and background.

UNITED STATES HISTORY I

(10)

5 Credits

United States History I is designed to furnish an understanding and appreciation of our country's early heritage. The study will examine the development of our country from the creation of our first government (socially, economically, and politically), to the Progressive Era of the early 1900's.

UNITED STATES HISTORY I HONORS

(10)

5 Credits

The American History I Honors program focuses its attention on a very rigorous in-depth college level approach to the subject matter beginning in the sophomore year with the early development of our country's heritage up to 1890. A college level text is used. An extensive writing background is needed for all student participants. Assignments are asked on both a daily and weekly basis, with much greater responsibility placed on the student than in the traditional American History program. Students wishing to enroll in this course must have received at least a 93 average in World History.

UNITED STATES HISTORY II

(11)

5 Credits

United States History II continues the study of our nation from the 1900's to the present, tracing its political, economic, social and foreign affairs development. The contributions and events which made this country one of the most powerful in the history of mankind will be examined.

ADVANCED PLACEMENT UNITED STATES HISTORY

(11,12)

5 Credits

The Advanced Placement American History program is open to students who have satisfactorily completed the United States History I course. The students will be required to do extensive oral and written reports, and will also be required to do a great deal of self-directed, independent study and outside reading. Special emphasis will be placed on preparation for the AP Exam which is administered each Spring. Students wishing to enroll in this course must have either maintained a 93 average in United States History I or have maintained an 85 average in United States I Honors. Students must take the AP exam in the spring. College credit is available through Georgian Court University. (This course satisfies the NJ state requirement for United States History II.)

ADVANCED PLACEMENT WORLD HISTORY

(11,12)

5 Credits

Recommended for juniors and seniors, this course focuses on the emergence of China, India, Japan, Africa, Europe, and South/Central America from their early foundations to the present day. Cultural trends and historical patterns are examined in a college level approach. Extensive reading and writing assignments will be required. College credit is available through Georgian Court University.

PSYCHOLOGY

(10,11,12)

5 Credits

The Psychology program explores an individual's emotional, cognitive and behavioral development. Further studies will address the general theories of personality, emotions, motivation, abnormal psychology, stress, consciousness and learning. Extensive reading, child observation projects and field research are required.

ADVANCED PLACEMENT PSYCHOLOGY

(10,11,12)

5 Credits

The purpose of this Advanced Placement course in Psychology is to go beyond the traditional Psychology program and introduce students to the systematic and scientific study of the behavioral and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each major subfield within Psychology. They also learn about the methods psychologists use to explore the processes involved in normal and abnormal perceptions, thoughts, feelings and actions. The students will be required to do extensive oral and written research, and will be required to do a great deal of self-directed, independent study and outside reading. Special emphasis will be placed on preparation for the AP exam which is administered in May. All students must take the AP exam in the Spring.

ADVANCED PLACEMENT HUMAN GEOGRAPHY

(9,10,11,12)

5 Credits

The purpose of the AP Geography Course is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use the alteration of the Earth's surface. Students will employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. Students will also learn about the methods and tools geographers employ in their science and practice.

ADVANCED PLACEMENT U.S. GOVERNMENT AND POLITICS

(11,12)

5 Credits

AP United States Government and Politics introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments.

ECONOMICS

(10,11,12)

5 Credits

Economics and the World of Finance is a semester length course in macro and microeconomics that provides an understanding of how our market economy functions in a global setting. It provides students with a survey of economic concepts, including all of the basic principles recommended by the National Council on Economic Education. In addition, a unit on capital markets acquaints students with the role that markets and securities play in the U. S. economy. Special coverage of International Finance is embedded in this program, as well as exploration of the international finance system, foreign exchange rates, foreign exchange markets, international financial markets, international banking and multinational corporations.

AP MACROECONOMICS/AP MICROECONOMICS

(10,11,12)

Prerequisite: Algebra I

5 Credits

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. All students enrolled in the course must take the College Board AP Macroeconomics Exam.

AP Microeconomics provides an understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Completion of this course will fulfill the state-mandated 2.5 credit graduation requirement in financial literacy. All students enrolled in the course must take the College Board AP Microeconomics Exam.

THE HISTORY OF SPORTS IN AMERICA

(10,11,12)

5 Credits

In this course we will explore the significance of sport in American history. As we read stories of races won, touchdowns scored, and players rounding the bases, we will look beyond the action on the field of competition and focus on these main themes: the impact of immigration, industrialization, and urbanization on the games Americans played; the class origins of sports like baseball, boxing, and football; sport and the conflict between labor and capital; racial prejudice, exclusion, and integration in sport; athleticism and the evolving ideas about masculinity and womanhood; the links between sport, patriotism, and national identity; and sport as an arena for political protest. Regardless of the topic, we will consider how sports have reflected larger trends in American life as well as influenced American history and the world we occupy today.



MATHEMATICS

Supervisor: Mr. Craig Murin

ALGEBRA I CONCEPTS

(9,10)

5 Credits

This course provides students with a modified version of Algebra I and begins with a review of Pre- Algebra skills. Subsequent to the introductory review the sequence of topics and content covered is consistent with the Algebra I course. The pacing of this full-year course provides students with greater exposure to the material. Special attention is given to problem solving strategies and solutions to open- ended questions. It is recommended that students who have not been identified as “Meeting Expectations” on their PARCC standardized math test, enroll in this course.

ALGEBRA I

(9,10,11,12)

5 Credits

Student proficiency in algebraic manipulation and fundamentals are developed in this course. Quantitative thinking methods and a method of logical reasoning are important outcomes of this course. Included in the subject area are: using real number systems, algebraic sentences, solving equations and inequalities, polynomials, mathematical relations and variations, graphical representations and systems in two variables.

GEOMETRY CONCEPTS

(10, 11,12)

5 Credits

This course provides students with an opportunity to build functional geometric competencies in order to meet or exceed the requirements of the New Jersey State Proficiency Test. The objectives of this course are the same as for the geometry course except less emphasis will be placed on extensive rigorous proofs and more time will be spent on the practical application of geometry. The course is designed for students whose field of studies will not include intense mathematical and scientific study.

GEOMETRY

(9,10,11,12)

5 Credits

This course develops deductive reasoning and uses Euclidean plane geometry as a model. Topics include geometric facts about congruent triangles, similar triangles, polygons, circles, parallel lines, areas, and volumes. Also examined are the ideas of proof and the deductive method, spatial relationships and rectangular coordinates.

GEOMETRY HONORS

(9,10,11,12)

5 Credits

This course offers the students the opportunity to develop skills in the use of inductive and deductive reasoning in the solution of mathematical problems, using Euclidean plane geometry as the model. Traditional axiomatic, transformational, and coordinate and vector approaches are used in the course, as they apply to the problem solutions. The course will focus on real life applications related to algebraic and geometry concepts studied, technology use and enrichment, Students wishing to enroll in this course must have a final after of 93 or above in Algebra I.

ALGEBRA II

(9,10,11,12)

5 Credits

After a review of elementary algebraic functions and concepts, this course continues the study of open sentences, graphical representations and methods, polynomials and factoring, rational expressions and quadratic equations, functions and probability.

ALGEBRA II TRIGONOMETRY

(9,10,11,12)

5 Credits

This course is for the student with above-average ability in mathematics who wishes to continue his/her study of more advanced work in mathematics. The algebraic properties of the real number system are reviewed, as well as equations of the first and second degree. The real number system is extended to the complex number system. Radical, exponential, logarithmic, polynomial, rational, and periodic functions, along with trigonometry are covered in detail.

ALGEBRA II TRIGONOMETRY HONORS

(9,10,11,12)

5 Credits

This course is for the student with advanced ability in mathematics who wishes to continue his/her study of more advanced work in mathematics. The algebraic properties of the real number system are reviewed, as are equations of the first and second degree. The real number system is extended to the complex number system. Radical, exponential, logarithmic, polynomial, rational, and periodic functions, along with trigonometry are studied in detail. An emphasis is placed on mathematical modeling and applications. Sequences, series, parametric, and polar functions are covered as time permits.

PRE-CALCULUS

(10,11,12)

5 Credits

Mathematical analysis is used to extend the study of mathematical systems in this course. Students are given the opportunity to gain understandings related to the complex number system and its relationship to trigonometric, circular, and polynomial functions, identities, graphical representations, and equations. Also examined are analytical geometry, limits, graphs, equations, exponential functions and logarithms. Throughout the course, the implementation of graphing calculators and computers are used to enhance selected lessons.

CALCULUS

(10,11,12)

5 Credits

This Calculus course assumes knowledge of algebra, geometry, trigonometry and analytical geometry. A strong understanding of elementary functions is developed prior to the study of differential calculus and integral calculus is stressed. Students will examine the application of advanced methods of calculation in verbal problems, graphing, problems involving areas and volumes of rotation.

CALCULUS HONORS

(10,11,12)

5 Credits

This honors level calculus course provides students with an opportunity to develop a conceptual understanding of calculus and its applications. The course emphasizes a multi-representational approach to calculus with concepts, results, and problems being expressed analytically and numerically. As in the Advanced Placement course, the unifying themes of the course are limits, differentiation, and integration and appropriate applications of these concepts. This course will also include the study and analysis of trigonometric functions, as well. Graphing calculators are used to reinforce mathematical relationships, to confirm written work, to implement experimentation, and to assist in interpreting results. Graphing calculators are required.

ADVANCED PLACEMENT CALCULUS AB

(10,11,12)

5 Credits

This Calculus AB course assumes a prior knowledge and understanding of Algebra, Geometry, Trigonometry and Analytical Geometry, as well as knowledge of various elementary functions. The topics covered in this program include those in traditional Calculus, as well as additional topics outlined by the College Board for their Calculus AB program. Instructional coverage of course content will be both rigorous and fast paced as all topics must be covered by May 1st so that students will be prepared to take the AP Test during the second week in May. Students must take the AP exam in the spring. Students wishing to enroll in this course must have a final average of 85 or above in Pre-Calculus Honors or a 93 average or above in Pre-Calculus. ***Summer Work is required of all students who enroll in this course.**

ADVANCED PLACEMENT CALCULUS BC

(11,12)

5 Credits

In addition to the topics covered in Calculus AB, this course presents students a study of differential equations, sequences, series, polar coordinates, and parametric equations. The use of a graphing calculator is integrated throughout this course. This is a rigorous course designed to prepare the student to take the College Board's AP Calculus BC examination in May. Instructional coverage of course content will be both rigorous and fast paced as all topics must be covered by May 1st so that students will be prepared to take the AP Test during the second week in May. Students must take the AP exam in the spring semester. Students wishing to enroll in this course must have a final average of 85 or above in Pre-Calculus Honors or a 93 average or above in Pre-Calculus. ***Summer Work is required of all students who enroll in this course.**

ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES

(9,10,11,12)

5 Credits

AP Computer Science Principles introduces you to the foundations of computer science with a focus on how computing powers the world. Along with the fundamentals of computing, you will learn to analyze data, create technology that has a practical impact, and gain a broader understanding of how computer science impacts people and society. All students must take the AP Exam in the spring semester. ***Summer Work is required of all students who enroll in this course.**

ADVANCED PLACEMENT COMPUTER SCIENCE A

5 Credits

(9,10,11,12)

Prerequisite: Geometry

This is an intensive full-year course that familiarizes students with programming concepts (using the Java programming language) comparable to an introductory course in computer science at the college level. Topics include Java fundamentals, arrays and matrices, selection and repetition, pointers and dynamic memory, strings and text, classes and object-oriented programming, recursion, searching and sorting techniques, algorithmic analysis, and references and dynamic memory. ***Summer Work is required of all students who enroll in this course. A “Bridge Class” will be offered in the summer for students who are enrolled in this course.**

STATISTICS

(11,12)

5 Credits

Prerequisite: Algebra II

This mathematics course is a non-calculus based introductory course in statistics which may be completed as an elective or as a senior math course. To be successful in this course students must have completed Algebra II. Students planning studies in physical or social sciences should consider this course. Students who complete this course will be prepared to do similar work in a college level statistics course. Students will be exposed to four conceptual themes: exploring data, planning a study, anticipating patterns, and inferring from statistics. Students will also be introduced to selected topics in discrete mathematics and probability.

ADVANCED PLACEMENT STATISTICS

(11,12)

5 Credits

AP Statistics is an Advanced Placement course, which is equivalent to a one-semester introductory, non-calculus based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This course will follow a syllabus approved by the College Board that is designed to prepare students to take the AP Statistics examination. Graphing calculators are required. ***Summer Work is required of all students who enroll in this course.**

CONSUMER MATH

(9,10,11,12)

5 Credits

This course stresses making consumer decisions regarding transportation, buying food, and clothing, your family's housing, estimating incoming and planning expenditures, taxation, consumer credit, banking, insurance, investments, arithmetic review and practice.



SCIENCE

Supervisor: Mr. Craig Murin

LABORATORY BIOLOGY CONCEPTS

(9,10)

5 Credits

This study of biological concepts is laboratory oriented. It provides an overview of the chemical and structural basis of life including the interactions of organisms and the environment. This course covers the same topics as Laboratory Biology but in a more teacher directed and student supported manner. Lab demonstrations, activities and group investigations are part of the curriculum. An emphasis is placed on the living organism as part of the biosphere and social organization of civilization. Students enrolled DO NOT have to complete Algebra I prior to enrollment. This course satisfies the graduation requirement for one unit of Biology.

LABORATORY BIOLOGY

(9)

5 Credits

This study of biological concepts is laboratory oriented. The course examines molecular and cellular biology as a background for understanding the life processes of living organisms. Elements of the chemical and structural basis of life, from cell to protists, to plants and animals, and finally to the human, are explored. Microscopic investigations, and problem solving activities are incorporated into this course; laboratory dissections may be incorporated into these studies.

LABORATORY BIOLOGY HONORS

(9)

5 Credits

Prerequisite: Acceptance into the Honors Program and successful completion of Algebra I

A laboratory study of molecular biology, plant and animal physiology, microbiology, and genetics which stresses the importance of laboratory skills as a fundamental basis of inquiry and investigation. Concepts are developed through a series of experimental problems which give the student an opportunity to learn through research, using the techniques employed by biologists. Because a college level textbook is used for this course, reading comprehension, note taking and observational skills are essential.

LABORATORY CHEMISTRY

(10,11,12)

5 Credits

This course is a college prep laboratory investigation of the properties and structure of matter and the changes matter undergoes. Fundamental concepts of atomic structure, periodicity, the natural laws, and the mathematics governing certain chemical phenomena are explored. Note taking and study skills are stressed as an integral part of the approach.

LABORATORY CHEMISTRY HONORS

(10,11,12)

5 Credits

Chemistry Honors is a lab oriented course designed to give the students the opportunity to understand the fundamental concepts of the properties and structure of matter and the changes it undergoes. The course offers a solid foundation for those students whose career choice requires a background in the sciences. Students wishing to enroll within this course must either have an A 93 final average in Lab Biology or an 85 final average in Lab Biology Honors. Students wishing to enroll in this course should be either enrolled in or have completed Algebra II.

LABORATORY PHYSICS

(11,12)

5 Credits

This course investigates the physical forces and laws which govern our universe. It is a laboratory oriented examination of energy, waves, force, motion, mechanics, sound, light, electricity and magnetism. The interrelationships of natural phenomena and mathematical concepts are explored. Observational skills and ability to use deductive reasoning are important. The conceptual nature of physics is also explored with reference to daily applications.

LABORATORY PHYSICS HONORS

(11, 12)

5 Credits

Honors Physics is designed to give students a logical, sequential development of the understandings related field of study after high school. This lab oriented course examines the fundamental aspects of mechanics, kinematics, dynamics, circular motion, sound, light, electricity and magnetism as they are interrelated in Physics. Mathematical processes of problem solving, particularly trigonometry, are used throughout the course. Students are required to do a major research project. Students wishing to enroll in this course must have earned a 93 average or better in a previous science course or an 85 average or better in Chemistry Honors.

LABORATORY INTEGRATED SCIENCE

(10,11,12)

5 Credits

Integrated Science will establish a foundation for high school learning and for preparation for the upper level science classes. This survey course will integrate Chemistry, Physics, Earth Science, Astronomy, and Mathematics. The course will emphasize problem solving investigation, hands-on activities, multiple technologies and real world application.

LABORATORY ANATOMY AND PHYSIOLOGY

(10, 11,12)

5 Credits

This lab science course is designed for students who want a more intensive study of human anatomy and physiology. The course is especially useful for students who intend to continue their educational training in a health related field. Course emphasis is on structure, function, and interaction of the major organ systems.

NOTE: Dissections are a key component of the Anatomy/Physiology class. This class is taught in conjunction with Rutgers University accreditation. Students have the option to be tested to obtain college credits for this course.

LABORATORY ASTRONOMY/ METEOROLOGY

(10,11, 12)

5 Credits

This course offers the student an opportunity to explore two major areas of science in more detail than found in General Science or Earth Science courses. The laws, principles, and major concepts involving time, space, the solar system and the use of space as a potential environment are examined. In addition, the major events, forces, and phenomena affecting the earth and its atmosphere are studied.

LABORATORY MARINE SCIENCE

(10,11, 12)

5 Credits

This lab science program is designed to offer students the opportunity to study the dynamic nature of the ocean, shoreline, and the ocean floor as well as the global importance of the ocean as a marine science resource. In addition, students will study the marine environment and some of its plant and animal inhabitants through dissections, as well as and the importance of the ocean as an ecosystem.

LABORATORY ENVIRONMENTAL SCIENCE

(10,11, 12)

5 Credits

This hands on science program will address current environmental issues which effect the world society. Pollution, population growth, sustainability, and global warming are but a few of the many topics that will be addressed within this course. Students will actively be exposed to research and current events and will be expected to complete extensive group and individual project work. There is emphasis on local environmental problems and solutions. Strategies for proper management of local resources are covered throughout the course.

LABORATORY FORENSIC SCIENCE

(11, 12)

2.5 Credits

Prerequisites: Lab Biology and Lab Chemistry

This half-year laboratory course for juniors and seniors provides an introduction to the field of forensic science. The course of study includes the applications of forensic science concepts (which involves biology, chemistry, and physics) to analyze and investigate evidence that may be discovered in a criminal investigation. Classroom activities include laboratory investigations and activities, research projects, famous case studies, lab practicums, career exploration, and the infusion of technology throughout the scope of the course.

LABORATORY BOTANY

(11, 12)

2.5 Credits

Prerequisites: Lab Biology and Lab Chemistry

The Botany course will expose students to the world of scientific plant research and production. Students will have experiences in various plant science concepts through laboratory-based activities, projects, and problems. Student experiences will include the study of plant cells and photosynthesis, plant classification, non-vascular plants, the vascular system, leaves and trees, plant reproduction, plant adaptation, and plant diseases. Students will learn how to apply scientific knowledge and skills to use plants effectively for horticultural research, production, and in the creation of landscape designs. Students will discover the value of plant production and its impact on the individual, the local, and the global economy.

ADVANCED PLACEMENT BIOLOGY

(11,12)

6 Credits

This course is modeled on the outline established by the College Board to prepare the student for the AP examination in Biology. The course content exceeds that of Laboratory Biology with more intense and self-directed study of major principles. This course is recommended for those college bound students who have completed Biology and Chemistry and desire a more detailed study of applied Biology Concepts. This course is especially relevant for students who are planning to pursue a Biology or medically related major in college. The student will be prepared for and expected to take the AP Exam in May. In order to enroll in this advanced class, students must have a 93 or better in Lab Biology or an 85 or better in Lab Biology Honors. Students must take the AP exam in the spring. ***Summer Work is required of all students who enroll in this course.**

ADVANCED PLACEMENT LABORATORY CHEMISTRY

(11,12)

6 Credits

This course is modeled on the outline established by the College Board to prepare the student for the AP examination in chemistry. The course content offers the student a more intensive investigation of the major principles and mathematical concepts. The course is recommended for those students who plan have a 93 or better in Lab Chemistry or an 85 or better in Lab Chemistry Honors. Students must take the AP exam in the spring. ***Summer Work is required of all students who enroll in this course.**

ADVANCED PLACEMENT LABORATORY ENVIRONMENTAL SCIENCE

(10,11, 12)

5 Credits

Advanced Placement Environmental Science is an interdisciplinary lab course that covers the scientific, social, and economic principles and concepts necessary to understand the natural world and its relationship with humanity. It will incorporate a wide variety of topics from diverse areas of study, including: biology, chemistry, physics, geology, populations, land and water use, energy resources and consumption, pollution, and global change. Additionally, students will qualitatively and quantitatively analyze environmental problems both natural and man-made, evaluate the risks associated with these problems, and examine alternative solutions for resolution and prevention. Students must take the AP exam in the spring ***Summer Work is required of all students who enroll in this course.**



WORLD LANGUAGE

Supervisor: Mrs. Barbara Kerensky

FRENCH I

(9,10,11,12)

5 Credits

In the first year of study of French, the students learn to communicate orally and in writing on an elementary level in the foreign language. Within the constraints of the vocabulary and structure that the students have mastered, they will use French to engage in conversation, understand and interpret spoken and written language, and present information, concepts, and ideas through speaking and writing. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. During this study, the students will compare their native language, culture, and perspectives to that of the French speaking world.

FRENCH II

(9,10,11,12)

5 Credits

In the second year of the study of French, the student learns to communicate orally and in writing on a more complex level in the target language. All the material introduced in the first year is reinforced and the students' progress to the next level in their ability to communicate and interpret language and culture. The length and depth of the materials used increases and the students' speaking, reading, and writing tasks become less guided. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. As the students' proficiency level increases, the more they are required to use the target language throughout the instructional period.

FRENCH II HONORS

(9,10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in regular class. The students will continue to enhance their oral and written communication skills, understand and interpret both spoken and written French and apply their knowledge in novel real-world situations. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. An exploration of the francophone world in comparison to their own will continue through the study of language, culture and perspectives. Working at an accelerated pace and using more complex materials, the students will be expected to demonstrate language skills equivalent to a third-year level. Students must meet the established criteria to enter an honors course.

FRENCH III

(9,10,11,12)

5 Credits

The purpose of the course is to meet the needs of those students who wish to increase their ability to read, write, comprehend and speak French. An investigation of other cultures and their relation to the students' own continues. The third level of linguistic skills is presented through more complex and lengthy materials. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. As the students continue with more advanced language concepts, students are required to use French to convey their own ideas in writing and speaking rather than relying on guided responses.

FRENCH III HONORS

(9,10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in a regular class. The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. Using materials which encompass level 3 and 4 work, the students begin the study of more advanced linguistic skills through more complex auditory materials, literature, and writing assignments. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and the francophone world. Students must meet the established criteria to enter an honors course.

FRENCH IV

(10,11,12)

5 Credits

The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. The students begin the study of more advanced linguistic skills through complex auditory materials, literature, and writing assignments. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and those who speak French.

FRENCH IV HONORS

(10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in a regular class. The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. Using more complex auditory materials, literature and writing assignments, the students begin this advanced study which will ultimately prepare them for an advanced-beginner or intermediate level college course. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and those who speak French. Students must meet the established criteria to enter an honors course.

FRENCH V

(10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language. The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. Using more complex auditory materials, literature and writing assignments, the students begin this advanced study which will ultimately prepare them for an advanced-beginner or intermediate level college course. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and those who speak French.

ADVANCED PLACEMENT FRENCH LANGUAGE & CULTURE

(11,12)

5 Credits

The Advanced Placement French Language & Culture course is designed to prepare the students for the Advanced Placement exam. Instructors follow a rigorous curriculum approved by College Board. Students who wish to accelerate their study of French in college should prepare for this examination. It is open to all students who have completed French IV Honors or its equivalent. It is an intense study of French language and culture through authentic speaking, listening, reading and writing tasks. Students must meet the established criteria to enter an honors course. All students must take the AP exam in the spring.

SPANISH I

(9,10,11,12)

5 Credits

In the first year of study of Spanish, the students learn to communicate orally and in writing on an elementary level in the foreign language. Within the constraints of the vocabulary and structure that the students have mastered, they will use Spanish to engage in conversation, understand and interpret spoken and written language, and present information, concepts, and ideas through speaking and writing. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. During this study, the students will compare their native language, culture, and perspectives to that of the Hispanic world.

SPANISH II

(9,10,11,12)

5 Credits

In the second year of the study of Spanish, the student learns to communicate orally and in writing on a more complex level in the target language. All the material introduced in the first year is reinforced and the students' progress to the next level in their ability to communicate and interpret language and culture. The length and depth of the materials used increases and the students' speaking, reading, and writing tasks become less guided. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. As the students' proficiency level increases, the more they are required to use the target language throughout the instructional period.

SPANISH II HONORS

(9,10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in regular class. The students will continue to enhance their oral and written communication skills, understand and interpret both spoken and written Spanish and apply their knowledge in novel real-world situations. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. An exploration of the Hispanic world in comparison to their own will continue through the study of language, culture and perspectives. Working at an accelerated pace and using more complex materials, the students will be expected to demonstrate language skills equivalent to a third-year level. Students must meet the established criteria to enter an honors course.

SPANISH III

(9,10,11,12)

5 Credits

The purpose of the course is to meet the needs of those students who wish to increase their ability to read, write, comprehend and speak Spanish. An investigation of other cultures and their relation to the students' own continues. The third level of linguistic skills is presented through more complex, and lengthy materials. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. As the students continue with more advanced language concepts, students are required to use Spanish to convey their own ideas in writing and speaking rather than relying on guided responses.

SPANISH III HONORS

(9,10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in a regular class. The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. Using materials which encompass level 3 and 4 work, the students begin the study of more advanced linguistic skills through more complex auditory materials, literature, and writing assignments. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and those who speak Spanish. Students must meet the established criteria to enter an honors course.

SPANISH IV

(10,11,12)

5 Credits

The purpose of this course is to continue the cycle of language study in high school. More advanced linguistic skills through complex auditory materials, literature, and writing assignments are presented. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Speaking is emphasized through class discussions. The history, geography, and cuisines of the Hispanic World are also studied. Spanish IV also presents a variety of short stories and authentic newspaper articles to read and discuss.

SPANISH IV HONORS

(10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in a regular class. The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. Using more complex auditory materials, literature and writing assignments, the students begin this advanced study which will ultimately prepare them for an advanced-beginner or intermediate level college course. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and those who speak Spanish. Students must meet the established criteria to enter an honors course.

SPANISH V

(10,11,12)

5 Credits

The purpose of this course is to continue the cycle of language study in high school. More advanced linguistic skills through complex auditory materials, literature, writing assignments and communicative activities are presented. The course will be tailored to the needs of the students who wish to gain a high level of proficiency in the target language. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum.

ADVANCED PLACEMENT SPANISH LANGUAGE & CULTURE

(11,12)

5 Credits

The Advanced Placement Spanish Language & Culture course is designed to prepare the students for the Advanced Placement exam. Instructors follow a rigorous program approved by the College Board. Students who wish to accelerate their study of Spanish in college should prepare for this examination. This course is open to all students who have completed Spanish IV Honors or its equivalent. It is an intense study of Spanish language through speaking, listening, reading and writing. Summarizing and synthesizing techniques are developed through readings and cultural aspects of the language. Students must meet the established criteria to enter an honors course. All students must take the AP Exam in the Spring.

ITALIAN I

(9,10,11,12)

5 Credits

In this first-year Italian course, students learn to communicate spontaneously, interpret oral and written language and present concepts, ideas, and cultural awareness in the target language. Within the constraints of the vocabulary and structures that students have mastered, they will be asked to demonstrate novice-level communicative proficiency and a degree of mastery with specific skills and structures in listening, speaking and writing tasks. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum.

ITALIAN II

(9,10,11,12)

5 Credits

In the second year of the study of Italian, the student learns to communicate orally through speaking and writing on a more complex level in the target language. All the material introduced in the first year is reinforced as the students' progress to the next level in their ability to communicate and interpret language and culture. The length and depth of the materials used increases the students' speaking, reading and writing through content based themes. These themes are aligned to authentic materials and real-life situations which make learning applicable to everyday local and global situations. As the students' proficiency level increases, the more they are required to utilize the target language throughout the instructional period.

ITALIAN II HONORS

(9,10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in a regular class. In this level, students will continue to enhance their oral and written communication skills, understand both spoken and written Italian and continue to apply their knowledge in real life situations. Presentations and interactions with native speakers are an integral part of the curriculum. An exploration of the Italian world in comparison to their own will continue through the study of language, culture and perspectives. Working at an accelerated pace and using more complex materials, students will be expected to demonstrate language skills equivalent to a third-year level. Students must meet the established criteria to enter an honors course.

ITALIAN III

(9,10,11,12)

5 Credits

The purpose of this course is to meet the needs of those students who wish to increase their ability to read, write, comprehend and speak Italian. An investigation of other cultures and their relation to the students' continues at this level. The third level of linguistic skills is presented through more complex and lengthy materials. The length and depth of the materials increases in order to expand the students' speaking, reading and writing through content based themes. These themes are aligned to authentic materials and real-life situations which make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. As the students continue with more advanced language concepts, students are required to use Italian to convey their own ideas in writing and speaking rather than relying on guided responses.

ITALIAN III HONORS

(9,10,11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in a regular class. In this level, students will continue to enhance their interpretive, interpersonal and presentational communicative skills. Utilizing materials which encompass Level 3 and 4 work, the students begin the study of more advanced linguistic skills through complex auditory materials, literature, writing assignments and formal presentations. These themes are aligned to authentic materials and real-life situations which make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and the Italian world. Students must meet the established criteria to enter an honors course.

ITALIAN IV

(11,12)

5 Credits

The purpose of this course is to continue the cycle of language study in high school. The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. The students begin the study of more advanced linguistic skills through complex auditory materials, literary works and writing assignments. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations.

Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and those who speak Italian.

ITALIAN IV HONORS

(11,12)

5 Credits

This course is designed for linguistically motivated students who wish to pursue their study of a world language in greater depth than is possible in a regular class. The students will continue to enhance their interpretive, interpersonal, and presentational communicative skills. Through complex auditory materials, recordings, podcasts, writing assignments and literary works students begin this advanced study which will ultimately prepare them for the AP exam. All topics and activities are aligned accordingly. Authentic materials and real life situations are infused in daily lessons to make learning applicable to everyday local and global situations. Presentations and interactions with native speakers are an integral part of the curriculum. Cultural, linguistic and ideological links are made between the students' world and those who speak Italian. Students must meet established criteria to enter an honors course.

ADVANCED PLACEMENT ITALIAN

(11,12)

5 Credits

The AP Italian Language and Culture course takes a holistic approach to language proficiency and recognizes the complex interrelatedness of comprehension and comprehensibility, vocabulary usage, language control, communication strategies, and cultural awareness. Students engage in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products, both tangible and intangible, patterns of social interactions within a culture and perspectives. Students must meet the criteria to enroll in an honors class. All students enrolled in the class must take the AP Exam in the spring.



TECHNOLOGY/ BUSINESS EDUCATION

Supervisor: Mr. Richard Read

MICROSOFT SUITE

(9,10,11,12)

2.5 Credits

This course is designed to provide students with skills in all areas of computer applications technology. Students will gain exposure to all products included in the Microsoft Office Suite, including Word, Excel, Office Mix, PowerPoint and Publisher. Authentic simulation will be used to ensure that students can effectively utilize all applications in realistic environments. This course also offers instruction in learning touch keyboarding.

BUSINESS and FINANCIAL LITERACY

(9,10,11,12)

2.5 Credits

This course will examine all facets of financial operations and management. Applications such as marketing, sales, accounting procedures, customer relations, and economic principles will be addressed. Students will prepare portfolios, learn about school and community resources, develop career plans, start preparing for college and develop solid interpersonal skills. Students will also develop resumes and discuss interviewing strategies. Embedded in this program is a component entitled “Strategies for Success” which helps orient students to the workplace and higher education settings. Academy of Finance advisory members, community leaders and field trips will be used to augment instruction presented within the classroom.

PRINCIPLES of ACCOUNTING

(10,11,12)

2.5 Credits

This accelerated program will provide the students with an introduction to accounting principles with emphasis on the business side of maintaining systematic records. This course will cover journals and the general ledger accounts payable and receivable, financial statements, bank reconciliations, and payroll. Academy of Finance advisory members and community resource speakers will be used to supplement and reinforce classroom instruction, as well as expose the students to career opportunities in this field.

MULTIMEDIA TECHNOLOGY

(10,11,12)

2.5Credits

Prerequisite: Microsoft Suite

This is an exciting “state of the art” course designed for those students who are seriously interested in creating multimedia projects involving the Internet, photo editing, illustrations, hypertext documents, Web page development, page layout design, digital cameras, photography, and digital movies. Students will utilize the Adobe Design software suite to create the aforementioned projects.

MULTIMEDIA WORKSHOP

(10,11,12)

2.5 Credits

Prerequisite: Multimedia Technology

This course is a continuation of the skills learned in the Multimedia Technology Class. Students will be designing and developing advanced Web pages, publications, graphic illustrations, digital photo designs, animations, digital movies, and more. Students will be developing advanced skills using the following software packages: Adobe Photoshop, InDesign, Illustrator, Premiere, Flash, and Dreamweaver.

COMPUTER NETWORKING -INDEPENDENT STUDY

(9,10,11,12)

2.5 or 5 Credits

This unique independent study will afford students the opportunity to develop an in-depth knowledge of networking and related systems in a large, school-sized setting. Students will develop a skill set focused on computer networking, servers and server-client relationships, educational technologies, troubleshooting, computer repair and maintenance, and more. Students enrolled in this hands-on program will work closely with the district network engineer and technology specialist.

FINANCIAL PLANNING

(10,11,12)

2.5 Credits

Coverage of both the Financial Planning and Banking and Credit programs is included in this required Academy of Finance course. Students are introduced to the financial planning process and the components of a comprehensive financial plan. They learn how to prepare a financial plan that includes saving, investing, borrowing, risk management (insurance) and retirement estate planning. In addition, the student is presented with a survey of the principles and practices of banking and credit in the United States. The students learn about major functions of banking and other depository institutions, in-house operations and procedures, central banking through the Federal Reserve System and modern trends in the banking industry. The credit component provides an overview of credit functions and operations including credit risk evaluation, loan creation and debt collection.

ENTREPRENEURSHIP

(10,11,12)

2.5 Credits

Coverage of Georgian Court College's Entrepreneurship program and the Securities and Insurance Program are combined in this course to satisfy further requirements for the Academy of Finance. The Entrepreneurship component will provide the student with insight into the development and management of an entrepreneurial venture. Topics include evaluation of the new idea; developing a business plan; finding alternative methods of financing; managing for results; pricing strategies; management control; resource utilization and financial management. The Securities component focuses on the roles and function of a modern securities organization through a study of the structure of brokerage firms, the trading process, credit and margin practices, automated processes, and government regulations, students gain an understanding of how a securities firm services its customers and plays an important role in our economy. The insurance component introduces the student to various elements of the insurance industry, including insurance needs and products for business and individuals. Students learn about insurance sales, rate-setting, insurance and financial planning, insurance regulations and careers in the industry including credit risk evaluation, loan creation and debt collection.

INTRODUCTION TO WOODWORKING

(9,10,11,12)

5 Credits

This course focuses on the basics of planning, construction techniques, hand and power tool use, and wood finishing. Students will complete a series of small projects designed to measure woodworking skills. Hand tools, power tools, and finishing techniques are stressed throughout the semester.

ADVANCED WOODWORKING

(10,11,12)

5 Credits

Prerequisite: Woodworking

This course will allow students to become more proficient in woodworking and construction techniques. Advanced Woodworking will build upon the knowledge and practices the students gained in the Introduction to Woodworking course. Students will receive basic instruction, view demonstrations and see a sample of the desired outcomes at the beginning of each block. At the end of each task, students will reflect on their projects to determine the most efficient way to repeat the process. Projects for this class will be completed on a larger scale than in the introductory course. Lessons and assignments will include projects that will benefit the advancement of the school grounds such as podiums, benches, bookshelves, etc. Students will also learn new woodworking techniques such as methods of wood bending and CNC routing as both are becoming increasingly prevalent in today's wood working industry. The second half of this course will focus on construction technology. Students will learn the basics of framing and advanced carpentry. During this time, students will spend one day each week preparing to earn their OSHA 10 certification.

THE BUSINESS OF ARCHITECTURE AND CONSTRUCTION

(9,10,11,12)

2.5 Credits

Students in this course will make informed decisions regarding careers related to architecture and design. Students will develop business plans based on the design, planning, and building and budgeting of a project which will be presented to intended clients. To design their projects, they will use Auto Cad and will also be introduced to the codes specific to local town. Marketing, sales, accounting procedures, customer relations and economic principals will be addressed. (This course is part of the Academy of Engineering).



Fine Arts

Supervisor: Mr. Donald Bramley

ART I

(9,10,11,12)

2.5 credits

Art 1 introduces the Elements and Principles of Art, the building blocks of an art work, through the exploration of different media. This class will include drawing and other 2D media usage such as pastels and paints, as well as 3D media. The course will define what each element and principle is and how it is used and recognized in an art work. An art analysis will be written on famous art works throughout the course. At the end of the course students will have had the opportunity to work with various art media while defining, recognizing and creating the Elements and Principles of Art.

FOUNDATIONS IN ART

(9,10,11,12)

5 credits

Foundations of Art is designed to open the student frequent opportunities to work with many art mediums. This course will allow the student to become familiar with the elements and principles of art. Exposure to various art mediums will enable the students to develop an understanding of the fundamentals of art to develop basic skills in art and to understand the visual language. This will allow the students to appreciate and understand how Art History has played a major role in the development of Art styles. By the end of the course, students will have been exposed to many different drawings, 2D and 3D projects.

CULTURAL ARTS

(9,10,11,12)

5 Credits

Cultural Arts will enable students to be exposed to many art mediums from cultures around the world. Students will be participating in a variety of projects. Some projects included in this class will be batik, weaving, printing on fabric, mask making and art research. By the end of the course, the students will have learned the skill of handling materials, exploration of techniques, and the development of personal and individual style.

FINE ARTS

(9,10,11,12)

5 credits

Fine Arts will focus on media and composition in studio work. This course will include sketching, utilizing different medias, composition, design, and printmaking. This class emphasizes the personal investigation of methods and techniques related to acrylic painting and/or other water based media. Research on famous artists and their techniques and styles will be involved. By the end of the course, students will have been exposed to a variety of materials, and will have had the opportunity to develop techniques and personal styles.

GRAPHIC DESIGN

(10, 11,12)

2.5credits

Pre-requisite: Multimedia Technology

Graphic Design is the future of visual communication. Today's graphic designers depend on multimedia and the internet to provide exciting and new design concepts. Through the primary use of Adobe Illustrator and Photoshop students will learn to communicate ideas through the creation of logos, packaging, advertisements, and other visual media utilizing techniques in typography, illustration and photography. By course end students will have gained a foundation centering on the elements and principals of design such as color, line, shape, texture, value, space, balance, movement and unity. Through the use of these elements and principles students will explore and emphasize the importance of visual communication.

CERAMICS

(9,10,11,12)

5 Credits

This Ceramics course is designed to introduce students to various ceramic hand building processes and a working knowledge of wheel thrown pottery. Emphasis will be placed on the design elements; line, shape, texture, and color. The course will integrate the design and construction of ceramic ware using a full spectrum of artistic tools, techniques and materials. Functional as well as sculptural applications will be explored. The students will also learn surface decoration and glazing methods. Art History, Criticism, Aesthetics and Careers will be studied with a focus on Ceramics. It is also highly recommended for students with an interest in art and art related careers.

AP STUDIO ART

(11,12)

5 Credits

Pre-requisite: Two MHS art courses with a grade of 93 or above, portfolio review and teacher recommendation

The AP Studio Art course is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition and execution in 2D design, 3D design or drawing. This course is based on a student creating a body of work that demonstrates quality, concentration and breadth. The course will meet for a full year. On the academic model, as in any college level course, students will be expected to spend a considerable amount of time outside of class to complete assignments and doing homework and sketchbook assignments. Students must take the AP exam in the spring.

INTRODUCTION TO SCULPTURE

(9,10,11,12)

5 Credits

Students who enjoy working with clay, plaster, wood, wire, found objects and mixed media will thrive in this class. Sculpture is a universal art form which challenges all of the senses in its creation and appreciation. The course concentrates on developing technical skills and artistic appreciation of successful three-dimensional artwork. Students will be introduced to sculpture techniques, combinations of media and resolution of 3-D design problems. Students will use a variety of methods, including assemblage, additive and subtractive methods, carving, manipulative methods and modeling. Creativity, craftsmanship, personal effort, critical thinking, are an intricate part of this class.

PAINTING

(10,11,12)

5 Credits

Painting is one of the most classic and captivating forms of art. Today's designers use concepts from painting and drawing to develop exciting and new designs. Color theory and basic drawing skills are essential in an introduction to painting, along with the art history of the great painters of the past and the contemporary artists of today. By course end students will have gained a foundation centering on the elements and principles of design such as color, line, shape, texture, value, space, balance, movement and unity. Through the use of these elements and principles students will explore different techniques and emphasize the importance of visual expression through specified media such as acrylic, oil, and water color paint.

DIGITAL PHOTOGRAPHY

(9, 10, 11,12)

2.5 Credits

In this course, students will become familiar with the skills necessary to pursue a career or hobby in digital photography. Students will learn the history behind photography and basic concepts of cameras as well as how the cameras work. Students will learn to utilize a digital camera/phone/tablet, and learn the principles of photography. Students will create and manipulate digital images using Adobe Photoshop, and learn the fundamentals of composition and design. Students will develop skills to input and export media in a variety of creative ways, create a digital portfolio and learn to communicate through the use of digital photography and multimedia processes. Students will print and display their work.

DANCE

(9, 10, 11,12)

5 Credits

This first level of dance emphasizes the development of dance technique in various dance genres. Students are expected to strive toward a high proficiency in dance. That technique will be showcased in multiple performance opportunities throughout the year. Students will develop self-discipline and teamwork through group movement studies and repetition. Students will also be exposed to dance history and dance terminology.



Family and Consumer Science

Supervisor: Mr. Donald Bramley

FOOD AND CULTURE

(9,10,11,12)

5 Credits

Students will learn the culinary background, meal customs, and staple foods of foreign countries. The class will prepare relative recipes of the geographic area being covered, including holiday foods. As a semester project, students will conduct research of a selected country, presenting their findings, menu of typical dishes, and a representative food sample. Expand your culinary appreciation with cultural foods and cooking techniques.

BASIC FOODS

(9,10,11,12)

5 Credits

Basic Foods is an introductory course in nutrition and foods. The curriculum explores proper nutrition and its relation to improved health, physical performance, and disease prevention. Various food preparations provide practice in basic cooking techniques and organization to promote independence and food knowledge. Focus on an ideal diet and lifestyle are presented through units based on the current USDA MY Plate model of fruits, vegetables, proteins, grains and dairy foods.

FASHION AND INTERIOR DESIGN

(9,10,11,12)

5 Credits

Students will gain an understanding of the elements and principles of design, applying them to create garments and interiors. Concepts including garment construction, textile selection, style and color analysis will be considered. Students will practice skills for drafting and sketching to develop models for spaces and clothing. Assignments will focus on project-based learning with technology integration to create and present designs. This course will provide further exposure to various career opportunities and influential figures in Fashion and Interior Design.



Music and Performing Arts

Supervisor: Mr. Donald Bramley

FUNDAMENTALS OF MUSICIANSHIP

(9,10,11,12)

2.5 Credits

This half year course focuses on music theory concepts. An overview of musical history and performance ranging from Baroque to 20th century popular music is also part of the curriculum. Students will learn the fundamentals of musical notation and be given the opportunity to play music in a wide range of styles. No prior musical skills or knowledge is necessary.

MUSIC THEORY

(9,10,11,12)

2.5 Credits

This half year course focusing on rudimental music theory concepts, ear training, and keyboard skills. Theoretical concepts include: major and minor scales, intervals, triads, seventh chords, and counterpoint. Basic musical analysis as well as composition are also covered.

MUSIC PRODUCTION

(9,10,11,12)

2.5 Credits

Music Production is a semester-length course in the study of how Contemporary Music is produced, recorded and marketed. Students will utilize the MHS Recording Studio and work with such recording programs as PRO-TOOLS, SOUNG FORGE and ACID MUSIC.

MUSIC PRACTICUM

2.5 Credits

Music Practicum is a semester-length course featuring an Individualized Educational Experience. Students can choose one of the topics listed below or arrange for a special individualized study plan to be developed and personalized for the individual student's interests.

- **Music Composition** is the study of composing original music for instruments and or voice.
- **Music Arranging** is the study of arranging already composed music for instruments and or voices.
- **Music History** is the study of Music through social-historic aspects of style, composition and composers from Ancient times through Contemporary.
- **Broadway Musicals** is the study of the Broadway Musical from the beginnings of the 20th Century through the Broadway of today.
- **Advanced Video/Film Production** is the study and development of video and filmmaking techniques on a more advanced level than "TV-Production."

TELEVISION PRODUCTION

(9,10,11,12)

5 Credits

Television Production will introduce students to the world of television. Students will produce a daily homeroom news program. Students will have an opportunity to run cameras, sound, lighting, direct, edit, switch, develop graphics, write copy, and perform live on camera. Students will also be introduced to other video formats in addition to the news. Students will produce commercials, music videos, and other related events capable of on-air play.

WARRIOR BAND

(9,10,11,12)

5 Credits

The award winning Warrior Band has received much recognition with performances locations ranging from Disney World, to Yankee Stadium to West Point, as well as numerous festivals and competitions. Fundamentals and techniques of instrumental music are learned through the preparation and performance of standard band literature at a variety of public performances. Marching, playing and music appreciation leading to college, semi-professional and amateur performing opportunities are part of the curriculum. For anyone playing an instrument it is an excellent opportunity to perform. Members of the Warrior Band are eligible to join the highly acclaimed MHS Jazz Band. The MHS Jazz Band rehearses and performs a variety of traditional, contemporary, as well as jazz-rock charts throughout the year.

SYMPHONIC CHOIR

(9,10,11,12)

5 credits

The experience of singing in a chorus, or as a soloist, performing music of all ages (classical to rock), performing sacred and secular music are all parts of chorus. Holiday and Spring concerts, as well as performances for the sending districts, highlight the year. Participation in chorus is almost essential for everyone going into a music related career.

INTRODUCTION TO ACTING

(10,11,12)

2.5 Credits

This course is a basic introduction to the art of acting. Students will learn a basic history of the stage, basic acting methodology, techniques, voice and stage presence. Students will also learn how to prepare for a role and develop a stage character. Students will use improvisation as a theatre technique.

JAZZ IMPROVISATION

(9, 10, 11, 12)

5 Credits

This course is designed to teach the motivated instrumentalist the art of jazz improvisation. The student will master major and minor scales and specific jazz modes. A working knowledge of jazz history is introduced as well as music theory and ear training. Standard jazz tunes are learned and performed by the class in a combo format.



PHYSICAL EDUCATION AND HEALTH

Supervisor: Mr. Peter Cahill

PHYSICAL EDUCATION I

(9)

3.75 Credits

The Physical Education program is designed to provide aerobic and body building activities enabling all students an opportunity to achieve total physical fitness. These activities aid in the development of strength, control, motor skills, endurance stamina and coordination. Students are educated by means of physical activity. Students participate in games of competition and skill development. A sense of sportsmanship and a positive attitude toward physical conditioning are encouraged.

HEALTH I

(9)

1.25 Credits

The Health I course of study covers the area of personal health, human sexuality and chemical health education. The acquisition of knowledge, behaviors and attitudes about drugs/alcohol, smoking/nicotine, reproduction, abstinence, STD's and AIDS leads to a well-informed student capable of making sound decisions.

PHYSICAL EDUCATION II

(10)

3.75 Credits

The Physical Education program is designed to provide aerobic and body building activities enabling all students an opportunity to achieve total physical fitness. These activities aid in the development of strength, control skills, endurance, stamina and coordination. The student is educated by means of physical activity. Students participate in games of competition and skill development. A sense of sportsmanship and a positive attitude toward physical conditioning are encouraged.

HEALTH II

(10)

1.25 Credits

The Health II course of study covers the areas of driver education and chemical health education. The classroom theory approach to driver education is offered to all sophomores. Instructional units include traffic laws and regulations, stopping distances, insurance, psychology of the driver as well as the effects of substance abuse on driving. Students are administered the NJ Division of Motor Vehicles written test during this course. Successful course completion entitles students to a certificate usually accepted by insurance companies qualifying them for a discount on their policy premium.

PHYSICAL EDUCATION III

(11) 3.75 Credits
The Physical Education program is designed to provide aerobic and body building activities enabling all students an opportunity to achieve total physical fitness. These activities aid in the development of strength, control skills, endurance, stamina and coordination. The student is educated by means of physical activity. Students participate in games of competition and skill development. A sense of sportsmanship and a positive attitude toward physical conditioning are encouraged.

HEALTH III

(11) 1.25 Credits
The Health III course of study covers the area of First Aid/CPR and chemical health education. This class teaches The American Red Cross Standard First Aid course. This program is based on the use of The American Red Cross First Aid textbook and is adapted from the instructor's outline. The paramount purpose of first aid training is to acquire knowledge and skills for the emergency care of the injured victim until a physician or professional medical care person arrives. It also creates an active interest in the prevention of accidents through the elimination of causes. All participants are eligible for ARC certification.

PHYSICAL EDUCATION IV

(12) 3.75 Credits
The Physical Education program is designed to provide aerobic and body building activities enabling all students an opportunity to achieve total physical fitness. These activities aid in the development of strength, control skills, endurance, stamina and coordination. The student is educated by means of physical activity. Students participate in games of competition and skill development. A sense of sportsmanship and a positive attitude toward physical conditioning are encouraged.

HEALTH IV

(12) 1.25 Credits
Health IV covers the areas of family living. The curriculum covers family life issues and provides seniors with the opportunity to structure guidelines to improve their self-esteem, self-awareness and interpersonal skills. The class covers topics on sexually transmitted infections, birth control methods, and abstinence. The class offers guest speakers that will come in the classroom and discuss these topics. The class also provides skills and strategies needed to solve personal family conflicts and living on their own. Students will examine their readiness for relationships – marriage – and the pitfalls to avoid. Students will also engage in a budget activity and understand the importance of good credit.

PEER LEADERSHIP TRAINING

(11, 12) 2.5 or 5 Credits
This course for which students are recommended by classmates and staff is designed to train students to help others as peer facilitators. Participants will become more effective listeners, problem solvers, group leaders and mentors for each other. As they learn to facilitate the personal growth and development of others their own development is enhanced. This course may be taken for either one semester or the full year.



SPECIAL EDUCATION

Supervisor: Mrs. Margaret Polak

The special education programs for classified students are offered through the Office of Special Services. Student programs are selected in collaboration with the student, parents, and the high school child study teams. The district program offerings include:

LEARNING AND LANGUAGE DISABILITY PROGRAM

The LLD Program is designed to provide students who require greater academic and social support in the core academic subjects using a modified curriculum guide. Students may be provided with vocational opportunities to acquire job related skills through the Monmouth County Vocational School.

LIFE SKILLS PROGRAM

The Life Skills Program is a small, structured learning environment for students with disabilities who require a small, individualized and modified academic setting. The central focus of the program is the study of daily living skills essential for personal independence. Through the study and application of thematically organized instructional units, students will be provided with opportunities to develop a firm foundation in adult living skills. The approach to learning is multisensory and will draw on the individual strengths and needs of the students to gain a deeper understanding of course materials. Life Skills Program activities will allow students to make connections to other disciplines, their own life and the world in general. An essential component of the Life Skills Program will be the Structured Learning opportunities embedded within the community. Community participation is essential to building confidence and empowerment, two qualities that are highly relevant to attaining personal satisfaction and a high quality lifestyle. Structured learning opportunities will foster a student's individualized goals in the pursuit of developing and mastering skills that help one live a full, productive and independent life.

IN-CLASS RESOURCE PROGRAM

The In-Class Resource Program is designed to provide support services to classified students in the general education setting in the content areas of English, mathematics, science, and social studies. Two teachers, a certified special education teacher and a content area general education teacher, work collaboratively to instruct and assist students within the classroom environment. All students are expected to meet general education curricular requirements with individualized instructional strategies and modifications.



Manasquan High School

Early College Program

Manasquan High School Early College Program is designed for students looking for a unique high school experience. The program follows a prescribed rigorous curriculum that enables students to earn their high school diploma and an Associate of Arts Social Science degree in four years (60 college credits). Students concurrently complete coursework offered by Brookdale Community College and Manasquan School District. The criteria, application process, Brookdale requirements and program costs (cost per college credit) can be accessed on the Manasquan High School website.

HUDV 107 FIRST YEAR SEMINAR

(9) 5 Credits (MHS), 1 Credit (Brookdale)

Students learn to identify and practice a variety of skills and behaviors that can foster success in college and work. They will explore their personal goals and values through individual projects, class exercises and group interaction.

SPANISH I (Brookdale College Course: SPAN 101)

(9) 5 Credits (MHS), 4 Credit (Brookdale)

This course is designed for students with no previous knowledge or very limited knowledge of the Spanish language. String emphasis will be placed on acquiring conversational and comprehension skills, using practical and interesting situational materials that will stress both language and culture. Grammatical patterns and syntax will be introduced with the aim that students read and write what they have learned to say and understand. This course is not open to native Spanish speakers or to students with more than two years of Spanish in high school.

SPANISH II (Brookdale College Course: SPAN 101)

(10) 5 Credits (MHS), 4 Credit (Brookdale)

Prerequisite: Grade of “C” or higher in Spanish 101

Students will build upon the skills acquired in the first semester course (Elementary Spanish I) and will be able to express themselves in a variety of more complex situations in Spanish.

COMP 129 INFORMATION TECHNOLOGY

(10) 5 Credits (MHS), 3 Credit (Brookdale)

This course is a rigorous introduction to computer science and computer applications. This course emphasizes common computer/technology skills and helps students access, process and present information. This course contains a component that helps the student to recognize, analyze and assess ethical issues and situations in computer science.

ENGL121 – ENGLISH COMPOSITION: THE WRITING PROCESS

(10)

5 Credits (MHS), 3 Credit (Brookdale)

Prerequisite: Writing

Description: English 121 is an introductory writing course in which students learn to create college-level essays.

Throughout the semester, students engage in a writing process and learn strategies for composing and revising. Class time is focused on learning about academic essays and applying that knowledge in wr



Academy of Engineering

Coordinator: Mrs. Amy Edwards

The Academy of Engineering (AOE) is a Manasquan High School Academy in which students have the opportunity to take courses within the field of Engineering. It is a “hands-on” student-centered Academy designed to promote creative problem solving, critical thinking, and collaboration. Academy of Engineering students will take specialized elective courses, use the Innovation Lab for personal projects, participate in field trips, as well as apply for scholarships, internships, and job-shadowing positions with local engineering firms. Students are also challenged to apply their learning and improve their leadership skills through participation in a wide range of engineering-focused service-learning projects such as the state-wide, sustainability focused STEAM Tank Challenge. Manasquan High School is excited to partner with New Jersey Institute of Technology (NJIT) for a Dual College-Enrollment Option. Utilizing NJIT’s *Options for Advanced Academic Achievement* program, Manasquan High School will provide an opportunity for qualified high school students to enroll in college level engineering courses and earn college-credits while on our high school campus.

THE BUSINESS OF ARCHITECTURE AND CONSTRUCTION

(9,10,11,12)

2.5 Credits

Students in this course will make informed decisions regarding careers related to architecture and design. Students will develop business plans based on the design, planning, and building and budgeting of a project which will be presented to intended clients. To design their projects, they will use Auto Cad and will also be introduced to the codes specific to local town. Marketing, sales, accounting procedures, customer relations and economic principals will be addressed. (This course is part of the Academy of Engineering).

ENGINEERING AND DESIGN

(9,10,11,12)

2.5 Credits

This course is designed for student who are interested in engineering as a career. Students will examine engineering as process to solve real-world problems. They will investigate the entrepreneurial considerations that need to be made to implement the solutions. Students will learn the design process as well as gain insight into a business venture – the development of a business plan, financing, pricing strategies, resource utilization and marketing. (This course is part of the Academy of Engineering).

INTRODUCTION TO ENGINEERING ROBOTICS

(11, 12)

2.5 Credits

This hands-on course is designed to introduce students to the basics of engineering through the use of robotics. Robotics provide a rich platform for integrating electronics, mechanics, and programming. In this course, students will be learning and applying science, technology, engineering, and mathematics (STEM) principles to creatively solve authentic problems. Teams of students will compete in challenges involving guided research, building, programming and testing their creations. Students enrolling in this course should have successfully completed at least one semester of both science and mathematics.

FUNDAMENTALS OF ENGINEERING DESIGN

(11, 12)

2.5 Credits

This college-level course is offered as a dual-enrollment course so eligible students may choose to take it for two NJIT college credits. Students will be introduced to real-world engineering design problems in this course. Basic engineering topics including an introduction to design elements, engineering processes, measurements, product design and project development will be covered. Students will learn to use engineering tools for computer-aided design and simulation. Technical writing and oral presentations along with project management skills are emphasized. Students will work in teams on various open-ended engineering projects. For the NJIT enrollment option, students must have an overall grade point average of “B” or better to apply to NJIT at the beginning of the semester. Upon successful completion of the course with a grade of C or better, these students will receive NJIT credit and an NJIT transcript.



Academy of Finance

Coordinator: Mr. John Driscoll

Assistant Coordinator: Mrs. Linda Hoeler

Academy of Finance (AOF). The AOF is designed to prepare students with skills needed for the highly competitive business and financial services industry of the 21st Century. The main objective of the program is to prepare students for the demands of college and ultimately the work force. Classroom instruction is supplemented by guest speakers, job shadowing, internships and field trips. Additionally, AOF students can earn 15 college credits through Georgian Court University's (GCU) Course Ahead Program; three college credits for each of the five AOF classes – Introduction to Business, Accounting, Economics, Entrepreneurship, and Financial Planning. GCU's School of Business and Digital Media enjoys national accreditation from the Accreditation Council for Business Schools and Programs (ACBSP) for its undergraduate and graduate programs. These credits are accepted at most colleges and universities throughout the United States. Upon completion of the AOF program, students will receive a Certificate of Financial Studies.

BUSINESS and FINANCIAL LITERACY

(9,10,11,12)

2.5 Credits

This course will examine all facets of financial operations and management. Applications such as marketing, sales, accounting procedures, customer relations, and economic principles will be addressed. Students will prepare portfolios, learn about school and community resources, develop career plans, start preparing for college and develop solid interpersonal skills. Students will also develop resumes and discuss interviewing strategies. Embedded in this program is a component entitled "Strategies for Success" which helps orient students to the workplace and higher education settings. Academy of Finance advisory members, community leaders and field trips will be used to augment instruction presented within the classroom.

ECONOMICS

(11)

2.5 Credits

The course covers both macro and microeconomics and provides an understanding of how our market economy functions in a global setting. It provides students with a survey of economic concepts, including all of the basic principles recommended by the National Council of Economic Education. **This three credit college level course is offered in partnership with Georgian Court University's Course Ahead Program.**

PRINCIPLES of ACCOUNTING

(11)

2.5 Credits

This accelerated program will provide the students with an introduction to accounting principles with emphasis on the business side of maintaining systematic records. This course will cover journals and the general ledger accounts payable and receivable, financial statements, bank reconciliations, and payroll. Academy of Finance advisory members and community resource speakers will be used to supplement and reinforce classroom instruction, as well as expose the students to career opportunities in this field. **This three credit college level course is offered in partnership with Georgian Court University's Course Ahead Program.**

FINANCIAL PLANNING

(12)

2.5 Credits

Students will be introduced to the financial planning process and the components of a comprehensive financial plan. They will learn how to prepare a financial plan that includes saving, investing in stocks, bonds and other securities, the proper use of credit, insurance, college and retirement planning. **This three credit college level course is offered in partnership with Georgian Court University's Course Ahead Program.**

ENTREPRENEURSHIP

(12)

2.5 Credits

Entrepreneurship provides the student with insight into the development and management of an entrepreneurial venture. Topics will include evaluation of a new business idea, developing a business plan, finding alternative methods of financing, managing for results, pricing strategies and management control, business ethics and marketing. **This three credit college level course is offered in partnership with Georgian Court University's Course Ahead Program.**



Academy of Health Careers

Coordinator: Mrs. Claire Kozic

The Rutgers University Health Science Careers Program has a broad-based interdisciplinary curriculum. The Program offers a composite of college-level, general health care, communication, and science course work. Manasquan's Rutgers University Program provides students with the potential to earn college credits while being exposed to communication and problem solving skills in the health science field. All college coursework offered by the program is afforded to the students on a tuition free basis. The overall purpose is to allow students to receive college credit and health care practitioner skills, while keeping multiple healthcare career options open to them. To participate in the Health Science Careers Program, and be eligible for college credit, students must complete the Dynamics of Healthcare in Society course and at least one other course. For the 2019-2020 school year, a \$25.00 fee is required for each Health Science Careers Program Exam taken at Rutgers University.

DYNAMICS OF HEALTH CARE IN SOCIETY

(10,11,12)

2.5 Credits

This course provides an orientation to health care services and their delivery. It presents an inter-disciplinary perspective, focusing on process skills such as critical thinking, ethical reasoning, effective communication and ways to continue independent learning throughout life. The course shows how all health care providers acquire professional competence in dealing with the issues and problems they face as well as the role they play as informed consumers. This class is taught in conjunction with Rutgers University accreditation. Students have the option of being tested to obtain college credits for this course. To participate in the Rutgers University Science Careers Program at Manasquan High School, and obtain college credit, students must complete the Dynamics of Health Care in Society course, as least one other course, and complete all other course requirements.

MEDICAL TERMINOLOGY

(10,11,12)

2.5 Credits

Medical Terminology is the study of words that pertain to body systems, anatomy, physiology, medical processes and procedures and a variety of diseases. It provides specialized language for the health care team, enabling health care workers to communicate in an accurate, articulate, and concise manner. This course is designed to give the students a comprehensive knowledge of word construction, definition, and use of terms related to all areas of medical science. The course includes, but it not limited to, terms related to anatomy of the human body, functions of health and disease, and the use of language in processing medical/dental records and claim forms. This class is taught in conjunction with Rutgers University accreditation. Students have the option of being tested to obtain college credits for this course.

SCIENTIFIC PRINCIPLES OF NUTRITION

(11,12)

2.5 Credits

This is an introductory course on human nutrition designed for students wanting practical information. Students will gain an understanding of the vital relationship of nutrients to health and physical fitness. Students will be able to evaluate current nutritional issues and controversies. This class is taught in conjunction with Rutgers University accreditation. Students have the option of being tested to obtain credits for this course.

EMERGENCY CLINICAL CARE

(11,12)

2.5 Credits

Sports medicine is one of the fastest growing career fields in the United States. Due to the competitive nature of this program in college, Manasquan High School will provide an opportunity to enhance the student's exposure to sports medicine and thereby increase their chances of acceptance into a college level sports medicine major. This semester length course will be taught by a certified athletic trainer and will introduce current philosophies, procedures and practices related to the prevention and care of athletic injuries. Students will be exposed to "hands on" training in the diagnosis of athletic injuries, and administration of first aid, and modern rehabilitation techniques. Successful completion of first aid and CPR will be pre-requisite for acceptance into this program. This class is taught in conjunction with Rutgers University accreditation. Students have the option of being tested to obtain college credits for this course.

LABORATORY ANATOMY & PHYSIOLOGY

(10,11,12)

5 Credits

This lab science course is designed for students who want a more intensive study of human anatomy and physiology. The course is especially useful for students who intend to continue their educational training in a health related field. Course emphasis is on structure, function, and interaction of the major organ systems.

NOTE: Students will be involved in dissections if they enroll in this course. This class is taught in conjunction with Rutgers University accreditation. Students have the option of being tested to obtain college credits for this course.

NUTRITION ACROSS THE LIFESPAN

(11,12)

2.5 Credits

Nutrition Across the Lifespan outlines life cycle nutrition including pregnancy and lactation, infancy, childhood and adolescence, the adult and the later years. Nutrition needs at various stages of the lifespan are stressed, and additional topics include complementary and alternative medicine, hunger and the global environment, and concerns about food and water including the Servsafe® food handler course and exam. Applying the science of nutrition to the lifespan including prevention of chronic disease, food safety and biotechnology, and environmentally-friendly food choices will be explored. This class is taught in conjunction with Rutgers University accreditation. Students have the option of being tested to obtain credits for this course.

FUNDAMENTALS OF HEALTH AND WELLNESS

(11,12)

2.5 Credits

This course provides a comprehensive overview of health and wellness. The impact of lifestyle choices on all aspects of personal health are discussed including physical, mental, emotional, social, and environmental. The course will explore topics related to nutrition, physical fitness, stress management, disease prevention, substance abuse, and healthy relationships. The information and skills necessary for making informed and healthful decisions to promote wellness will be discussed an emphasis on self- responsibility. This class is taught in conjunction with Rutgers University accreditation. Students have the option of being tested to obtain credits for this course.



Academy of Public Safety

Coordinator: Mr. Tim Clayton

Coordinator: Mr. Jim Fagen

The Academy of Public Safety is a program designed to introduce Manasquan High School students to the field of emergency services. Students interested can prepare themselves for careers in law enforcement, fire service or emergency medical technician. The curriculum is designed to challenge students with various law enforcement objectives including field experiences and hands on projects. Projects include, crime scene search, identifying fingerprints, motor vehicle crash investigation, arson investigations and many other analytical methods of investigations. Graduates can receive college credits in Criminal Justice and a Special Law Enforcement Officer Class 1 certification

PUBLIC SAFETY I

(10, 11, 12)

2.5 Credits

This course is designed to integrate the academic and applied aspects of the basic law enforcement function for a public safety officer. Included in this class is the in-depth examination of a public safety officer's duties, functions, and responsibilities, as well as a variety of other practical aspects. These include, but are not limited to, ethics, community relations, communication, patrol concepts, and other duties as they relate to the basic public service function.

PUBLIC SAFETY II

(10, 11, 12)

2.5 Credits

This course is designed to integrate the academic and applied aspects of the advanced law enforcement function for a public safety officer. Included in this class is the in-depth examination of a public safety officer's duties, functions, and responsibilities, as well as a variety of other practical aspects. These include, but are not limited to traffic enforcement, accident investigations, fire response, terrorism, active assailants, internal affairs and other duties as they relate to the advanced police response.

CRIMINAL INVESTIGATION

(11, 12)

2.5 Credits

Prerequisite: Public Safety II

This course is designed to acquaint the student with the procedures, techniques, legal concerns, and challenges associated with a criminal investigation. The course focuses on the role of the criminal investigator and emphasizes interviewing skills and legal requirements. Combining classroom lectures and practical exercises in the program allows students to better comprehend the various investigative procedures. Prerequisite: Public Safety I.

INTRODUCTION TO CRIMINAL JUSTICE

(11, 12)

2.5 Credits

Prerequisite: Public Safety I

The social and institutional response to crime is discussed topically in this interdisciplinary survey of the American Criminal Justice System. Students are required to formulate views on controversial issues and concerns such as plea bargaining, the exclusionary rule, the insanity defense and the death penalty.

This college-level course is offered as a dual-enrollment course so eligible students may choose to take it for Brookdale college credits.

INTRODUCTION TO CRIMINOLOGY

(11, 12)

2.5 Credits

Prerequisite: Introduction to Criminal Justice

Students will be introduced to the study of crime and criminal behavior. This is the only course in the program which studies the criminal rather than society's response to crime. Three different methods of measuring crime will be described; the five schools of criminological theory will be reviewed; and several different crime problems in America will be discussed. **This college-level course is offered as a dual-enrollment course so eligible students may choose to take it for Brookdale college credits.**

CRIMINAL LAW AND PRACTICE

(12)

2.5 Credits

Prerequisite: Introduction to Criminal Justice

Students will expand their knowledge of the criminal justice system and criminal investigations by studying topics including investigations, pre-trial motions, the court system, penalty phase, appeals and the role of Constitution. Field trip and internship opportunities will be provided. Students will also examine one in-depth theme of the course to complete a capstone project to present at the end of their study. This course will be offered beginning in the 2019-2020 school year.

SLEO CLASS 1 CERTIFICATION (OFFERED BEGINNING 2018-2019)

The Special Officer Class I is certified by the New Jersey Police Training Commission. This 80-hour course provides training in PR-24, handcuffing, defensive tactics, disorderly person's offenses, first aid, use of force, various patrol concepts, and ethics. Upon graduation, the student will be a PTC certified Class One Special Law Enforcement Officer.

(Students must be 18 at the time of this course, have graduated from the Academy of Public Safety and have a resolution approved by a police agency prior to being certified.)

