MANASQUAN HIGH SCHOOL
COURSE OFFERINGS
2015-2016
ACADEMIC YEAR

Guidance Office
Sean McCarthy, Dean of Students • Rick Coppola, Principal
Schedule Planning for 2015-2016 Academic Year

The purpose of the course catalog is to provide students and parents with accurate information to use in making wise program choices. Be sure to read the catalog thoroughly before completing your schedule choices. Attention should be paid to graduation requirements and college admissions requirements as detailed in this catalog. It is important to check course prerequisites and eligible grade levels before making your course selections. We hope that you will study the contents of this catalog carefully. Remember, you are making final choices for the entire year when you complete your schedule.

AFTER AUGUST 1st, STUDENT/PARENT INITIATED PROGRAM CHANGES WILL NOT BE MADE.

Please Note: School initiated schedule changes may be made during the summer in order to balance classes. Student course selection will not be affected, but the order of the course may change. Also, schedule changes will be made for those students who did not qualify for honors courses.

From the Desk of Rick Coppola, Manasquan High School Principal

Manasquan High School looks forward to meeting and enrolling our new freshmen in September, 2015. The offerings described in this catalog represent an excellent academic program which will help each student reach his or her full potential. Manasquan High School is proud of the academic, co-curricular and extra-curricular opportunities available to our students. Please study the catalog carefully and work with your Guidance Counselor to develop a program that will prepare you to reach that potential.

Rick Coppola
Manasquan High School Principal

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The 2015 – 2016 course description booklet describes all the courses offered at Manasquan High School. Please study it carefully before selecting your program for the next school year. It is important for parents and students to familiarize themselves with the graduation requirements and the requirements for college prior to making final selections.

During the second semester, the Guidance Counselors will begin the process of scheduling students for next year’s courses. Manasquan High School offers parents and students the ability to select courses for the next school year online through the Genesis Parent Portal system. Counselors will then review course selections and meet with their counselees to finalize schedules. We urge students and parents to carefully review the schedule which they have prepared. Remember, your Guidance Counselor is trained to help students make the proper selection of courses. Please utilize the services of the counseling staff. If any questions arise, or if something needs clarification, do not hesitate to call your Guidance Counselor.
College Requirements and Recommendations

*While colleges may vary in their admissions requirements,* most colleges generally require students to have completed at least 16 college preparatory courses (courses in English, Mathematics, Science, World Language and Social Studies) by graduation. A student who carries a minimum of four (4) college preparatory subjects a year during grades 9, 10, 11 and 12 will have fulfilled this requirement. Some colleges, of course, require more than these 16 units, while others consider certain courses in business education, home economics and industrial arts acceptable as college prerequisites. 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, in general, the MINIMUM REQUIREMENTS for college are:

- 4 years of English
- 3 years of college prep math (Algebra I & II & Geometry)
- 2–3 years of a lab science
- 2–3 years of a single foreign language
- 2–3 years of social studies
- Necessary electives to acquire 16 units.

**IMPORTANT REMINDER:** Most colleges require that you take either the SAT or the ACT. In addition, some colleges are now requiring SAT II as part of the admission process. Please see your Guidance Counselor for a suggested time table which will suit your individual needs. Particular attention should be paid to the science achievement tests, as they should be taken at the completion of each individual science course, i.e., Lab Biology, Chemistry, Physics.
Requirements for Graduation

All students must earn a minimum of 150 credits over the four years that they attend the high school. Five credits are earned with the successful completion of all full semester courses. Physical Education and Health classes are adjusted based on the time spent in either Health or Physical Education.

**The following courses must be included in the 150 credits required:**

- **English I, II, III, & IV** 20 Credits
- **Phys. Ed. & Health** 20 Credits
- **World History** 5 Credits
- **United States History I & II** 10 Credits
- **Biology, PLUS two additional Sciences** 15 Credits
- **Mathematics** 15 Credits
- **Computer Course** 5 Credits
- **Fine, and/or Performing Art** 5 Credits
- **Career Education, Consumer, Family Life skills or Vocational/Technical Education** 5 Credits
- **World Language** 5 Credits
- **Financial Literacy** 2.5 Credits

*Courses which satisfy this requirement will include a second computer course, most business electives, all industrial arts, and home economics. For a complete list, see your Guidance Counselor.

**Students should see their Guidance Counselor for a complete list of courses which will satisfy this requirement.

In addition to the requirements listed above, every student must pass all required sections of the High School Proficiency Assessment.

Summer School

Course credit may be given in any summer school approved by the State Department of Education. The State of New Jersey mandates a minimum of 60 summer school class hours for the REMEDIATION of a full year course already taken, but failed, and 120 hours for a full year course taken for the first time.

Tutorial Instruction for Credit

Course credit may be earned as a result of being tutored by a teacher who has New Jersey State Certification in the course or subject area, provided the following conditions are met:

1. The teacher must be familiar with and follow Board of Education approved curriculum.
2. For remediation of a full year course a minimum of 30 hours of tutoring will be provided.
3. The student obtains the approval of the Dean of Students and Principal.
4. The area supervisor of the appropriate department administers and corrects the final examination.
5. The Principal determines the final grade, using the tutor’s grade and the final exam grade.

**NOTE:** Summer school grades, and grades as a result of tutors, DO NOT REPLACE any grade already earned, but are added to the official transcript.
Promotion: Minimum Progress to the High School Diploma

A student will be moved from:
9th to 10th grade if he/she has earned: 35 Credits
10th to 11th grade: 70 Credits
11th to 12th grade: 110 Credits

Incompletes

An “INC” on a report card in lieu of a grade indicates that the marking period grade or the final grade can not be computed because the student’s academic work is incomplete. Incomplete grades must be satisfactorily completed two weeks after the report cards are issued or they will automatically be changed to a 60, unless the subject teacher requests, in writing, that the grade be held “incomplete” because of extenuating circumstances.

Progress Reports

Students academic progress can be monitored by accessing the Genesis Parent Portal. Grades, attendance, interim reports and report cards are all available online to parents and students throughout 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.

Assignments and activities are specifically designed to move students to think more critically and at higher levels.

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

a. Have a high level of interest in the subject matter and be motivated to learn and participate in classroom discussions;
b. Have an academic ability strong enough to handle the subject matter;
c. Have the background and academic preparation in classroom discussions;
d. Have the background and academic preparation required to handle the course;
e. Demonstrate the characteristics of maturity, self discipline, persistence and independence, all of which are required for successful performance in the course.

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.

PLEASE NOTE: All students enrolled in AP courses will be required to take the AP Examination.
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.

Please note: There are no exceptions to this rule.

Block Scheduling

Manasquan High School uses a “Block Scheduling” format. This format means that the academic year is divided into two semesters. Each semester consists of (4) extended time instructional periods and a lunch. Students will select 8 courses. Half of these classes will be scheduled during the first semester, and the remaining will meet during the second semester. Successful completion of a semester course will earn five credits towards graduation.

Remediation

In addition to the courses listed in this Courses of Study publication, Manasquan High School also provides additional courses for enrichment and remediation. If a student is identified as needing remediation for the NJ State Assessment Tests or end-of-course exams (Biology, Algebra I), the student will be placed in the class during their study hall period so as not to interfere with the student’s academic schedule. These courses typically run anywhere from three to six weeks. If you have any questions about these offerings, please contact the MHS Guidance Office.

Please note: As of this printing, all courses and course requirements are subject to administrative review and may be changed based on changes in enrollment, policy, and/or availability of courses or certified staff.
NCAA Eligibility: Division I and Division II

If you plan to participate in intercollegiate athletics at an NCAA Division I or II institution, you must have both your academic and amateurism status certified by the Eligibility Center before representing the institution in competition. There are new requirements for college-bound student athletes enrolling at an NCAA Division I college or university on or after August 1, 2016 and Division II on or after August 1, 2018. See your counselor for further details.

If you enroll in a Division I college and want to participate in athletics or receive an athletic scholarship, you must:

- Graduate from High School
- Complete 16 core courses; 10 core courses completed before the 7th semester
  - 7 of the 10 must be in English, Math or Natural/Physical Science, these courses/grades are “locked in” at the start of the 7th semester.
  - Earn a minimum required grade-point average 2.3 in your core courses that appear on the high school’s list of NCAA courses.
  - Earn a combined SAT or ACT sum score that matches your core-course grade-point average and test score sliding scale below:

In addition to the core courses you must also have the following SAT/ACT Scores:

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<th>Core GPA</th>
<th>SAT</th>
<th>ACT Sum</th>
<th>Core GPA</th>
<th>SAT</th>
<th>ACT Sum</th>
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Division II Initial-Eligibility Requirements

**Core Courses**
- **Division II currently requires 16 core courses.** See the chart below.
- **Beginning August 1, 2018,** to become a full or partial qualifier for Division II, all college-bound student athletes must complete the 16 core-course requirement.

**Test Scores**
- **Division II** currently requires a minimum SAT score of 820 or an ACT sum score of 68.
- **Beginning August 1, 2018,** Division II will use a sliding scale to match test score and core-course grade-point averages (GPA). The sliding scale for those requirements is shown below.
- The SAT score used for NCAA purposes includes **only** the critical reading and math sections. The writing section of the SAT is not used.
- The ACT score used for NCAA purposes is a **sum** of the following four sections: English, mathematics, reading and science.
- **When you register for the SAT or ACT,** use the NCAA Eligibility Center code of 9999 to ensure all SAT and ACT scores are reported directly to the NCAA Eligibility Center from the testing agency. **Test scores that appear on transcripts will not be used.**

**Grade-Point Average**
- Be sure to look at your high school’s List of NCAA Courses on the NCAA Eligibility Center’s website ([www.eligibilitycenter.org](http://www.eligibilitycenter.org)). Only courses that appear on your school’s approved List of NCAA Courses will be used in the calculation of the core GPA. Use the list as a guide.
- The current **Division II** core GPA requirement is a minimum of 2.000. **Division II** core GPA required to be eligible for competition on or after August 1, 2018, is 2.200 (corresponding test-score requirements are listed on the Sliding Scale below).
- The minimum **Division II** core GPA required to receive athletics aid and practice as a partial qualifier on or after August 1, 2018, is 2.000 (corresponding test-score requirements are listed on the Sliding Scale below).
- Remember, the NCAA core GPA is calculated using NCAA core courses only.

### DIVISION II 16 Core Courses

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COMPUTER APPLICATIONS

(9,10,11,12) One Semester 5 Credits

This course is designed to provide students with skills in all areas of computer applications technology. Students will develop a mastery of all products included in the Microsoft Office suite, including: Word, Excel, Access, 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. Additionally, students will be exposed to Web design elements and related vocabulary through a unit focused on the Expression Web 4 software program.

INTRODUCTION TO BUSINESS

(9,10,11,12) One Semester 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.

COLLEGE ACCOUNTING

(10,11,12) One Semester 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) One Semester 5 Credits  
Prerequisite: Computer Applications  
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) One Semester 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**

(10,11,12) One Semester 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.

**ECONOMICS**

(11,12) One Semester 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.
FINANCIAL PLANNING

(11,12) One Semester 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

(11,12) One Semester 5 Credits
Coverage of Georgian Court University’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.

PLEASE NOTE: The following courses are part of Georgian Court University’s Course Ahead Program:

- College Accounting
- Economics
- Entrepreneurship
- Financial Planning

Students may fill out an application, pay a fee (for each course for 2015-2016) and receive three college credits for each course. These credits are transferable to many colleges and universities in the U.S.
Director, John Driscoll • Assistant Director, Rich Read

Manasquan High School offers an exciting program through the Academy of Finance. The Academy of Finance is designed to prepare students with skills needed for the highly competitive financial services industry of the 21st Century. The program has been developed under the sponsorship of the National Academy Foundation (New York) and Manasquan High School to encourage and support partnerships between business and education. The primary intent of the program is to strengthen the preparedness of those entering the work force.

The Academy of Finance provides a two to four year specialized program of study in finance at the high school level, which will fulfill both required and elective credits. Classroom instruction, supplemented by community resource speakers, mentoring from industry specialists, college level course work, and practical applications comprise the important components of this program.

Upon completion of this program, students will receive a “Certificate of Financial Studies” Acceptance into this program will be by application. Applications will be accepted in the Spring of the 10th grade year.

ACADEMY OF FINANCE INTERNSHIP

A summer paid internship experience of at least 150 hours is required of all Academy of Finance students. Placement will be made prior to the end of the student’s junior year and after completing a minimum of three shadowing experiences, the submission of a resume/application to prospective financial service industry employers and an interview. In order to be awarded credit for this program an independent study application must be completed and filed with the Academy Director prior to beginning the work experience.

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ENGLISH I

(9) One Semester 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) One Semester 5 Credits
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) One Semester 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

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

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

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 in the curriculum. Students must meet the established criteria to enter an honors course.

ENGLISH IV

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 in the curriculum.
ENGLISH IV HONORS
(12) One Semester 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) Full Year (Alternate Days) 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 students 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) Full Year (Alternate Days) 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 students 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) One Semester 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. Skills are taught with the assistance of the High School Computer/Writing Lab.

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

(10,11,12) One Semester 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 each between 15—30 pages.

YEARBOOK PUBLICATION

(11,12) Full Year 10 Credits
This course is designed to incorporate life skills into the production of the school annual, The Treasure Chest. Throughout the full year course (July - June) the staff is instructed in the use of computers, graphic design, layout preparation, copy, caption and headline writing, finance, marketing, photography, interviewing and advertising. The staff begins their preparation during the summer by attending a basic skills workshop for a week in July. During the school year, the staff will meet daily, and occasionally at night and on weekends, to meet scheduled deadlines.

The staff is selected by the current staff and adviser based on an application, a written essay, an interview and teacher recommendations.

JOURNALISM/JOURNALISM WORKSHOP

(10,11,12) Full Year 10 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.

Involvement with the Blue & Gray or The Treasure Chest can be a tremendous experience!

FILMS, FLICKS AND MOVIES: INTRODUCTION TO CINEMA STUDIES

(12) One Semester 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.
WORLD HISTORY

(9) One Semester 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) One Semester 5 Credits
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 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, 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) One Semester 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) One Semester 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) One Semester  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.

UNITED STATES HISTORY II HONORS

(11) One Semester  5 Credits
The American History II Honors program focuses its attention on a very rigorous in-depth college level approach to the subject matter continuing from 1890 to our present day status. A college level text is used. An extensive writing background is essential for all students. Assignments are required on both a daily and weekly basis with greater responsibility placed on the student than in the traditional American History course. Students wishing to enroll in this course must have received at least a 93 average in United States History I or an 85 average in United States History I Honors.

ADVANCED PLACEMENT AMERICAN HISTORY

(12) Full Year (Alternate Days)  5 Credits
The Advanced Placement American History program is open to students who have satisfactorily completed the United States History I & II programs. 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 U.S. I and U.S. II or have received at least an 85 in United States I and II Honors. Students must take the AP exam in the spring. College credit is available through Georgian Court University.

ADVANCED PLACEMENT WORLD HISTORY

(11,12) Full Year (Alternate Days)  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. Students must take the AP World History Exam in the Spring.

SOCIOLOGY

(10, 11,12) One Semester  5 Credits
Sociology is a sophisticated study that deals with the investigation and analysis of human relationships, their causes and consequences. Simply stated, sociology examines the way people interact with one another. Vital issues concerning mankind, specifically in our community, are discussed. An engaging and relevant service learning project is required. This project is done as a collaborative exercise.
PSYCHOLOGY
(11,12) One Semester 5 Credits
The purpose of this course is to explore human behavior and mental processes. 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
(12) One Semester 5 Credits
Prerequisite: Psychology
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. Students interested in enrolling in this course must have earned at least a 93 average in Psychology. All students must take the AP exam in the Spring.

HOLOCAUST/GENOCIDE STUDIES
(11,12) One Semester 5 Credits
This semester length course will deal with the definition of genocide and its application through case study analysis of the Armenians, the American Indian, Ukrainians, Cambodians, and Jews. Classroom discussion, research and outside readings will be a major part of this curriculum.

VIETNAM
(11,12) One Semester 5 Credits
The Vietnam War contained a spectrum of conflicts, and forced the debate of many different issues: the legality of war, the heart of U.S. interests abroad, the role of media in covering conflicts, and the reality of a communist threat. It forced us to take a long hard look at ourselves as a nation, and deal with the realities that we found. Students will be asked to do their own research, outside readings, and interviews. In class they will narrow down the issues that the students feel are important, analyze their thoughts and feelings, and compare these feelings to their peers from the “Vietnam generation.”
FRENCH I
(9,10,11,12) One Semester 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) One Semester 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) One Semester 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 wishing to enroll in this course must have a final average of 93 in French I.
FRENCH III

(9,10,11,12) One Semester 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) One Semester 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 wishing to enroll in this course must have a final average of 85 in French II H.

FRENCH IV

(10,11,12) One Semester 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) One Semester 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 wishing to enroll in this course must have a final average of 85 in French III H.
FRENCH V
(10,11,12) One Semester 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) Full Year (Alternate Days) 5 Credits
The Advanced Placement in French Language 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 wishing to enroll in this course must have a final average of 85 in French IV H. In addition, summer work is required and is due at the beginning of the school year. All students must take the AP exam in the spring.

SPANISH I
(9,10,11,12) One Semester 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) One Semester 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) One Semester 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 wishing to enroll in this course must have a final average of 93 in Spanish I.

SPANISH III
(9,10,11,12) One Semester 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) One Semester 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 wishing to enroll in this course must have a final average of 85 in Spanish II H.

SPANISH IV
(10,11,12) One Semester 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) One Semester 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 wishing to enroll in this course must have a final average of 85 in Spanish III H.

SPANISH V
(10,11,12) One Semester 5 Credits
The purpose of this course it 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) Full Year (Alternate Days) 5 Credits
The Advanced Placement in Spanish Language course is designed to prepare the students for the Advanced Placement exam. It 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 wishing to enroll in this course must have a final average of 85 in Spanish IV H. In addition, summer work is required and is due at the beginning of the school year. All students must take the AP exam in the spring.

ITALIAN I
(11,12) One Semester 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. Eleventh and twelfth graders who have completed two years of language study are eligible for this course.
ALGEBRA I

(9,10,11,12) One Semester 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.

ALGEBRA II

(9,10,11,12) One Semester 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 HONORS

(9,10,11,12) One Semester 5 Credits

This course is designed to give those students who intend to continue in the math sequence an opportunity to build a sound foundation in algebraic functions and concepts for later use in Trigonometry and Calculus. The course includes a review of elementary algebraic functions and concepts, which are then applied to polynomials, factoring, rational expressions, radicals, systems of equations, complex numbers, quadratic and polynomial functions, exponential and logarithmic functions, and an introduction to trigonometric functions. Students wishing to enroll in this course must have a final average of 85 or above in Geometry Honors or 93 or above in both Geometry and Algebra I.

GEOMETRY

(9,10,11,12) Full Year 10 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) One Semester 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, transformationally, 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, as well as, H.S.P.A. preparation to address identified needs. Students wishing to enroll in this course must have a final after of 90 or above in Algebra I.

PRE-CALCULUS
(11,12) One Semester 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.

PRE-CALCULUS HONORS
(11,12) One Semester 5 Credits
This course presents to the students an opportunity to learn the basic topics of Trigonometry and Analytic Geometry, while examining some of the more advanced processes leading to Calculus. Theory is combined with applications in mathematical analysis. The trigonometric, circular and polynomial functions and complex number systems, identities, and graphical representations are included in this course. In addition, the principles of analytic geometry, limits, series and sequences are covered as a preparation for Calculus. Students wishing to enroll in this course must have a final average of 85 or above in Algebra II Honors or a 93 average or above in Algebra II. Throughout the course, the implementation of graphing calculators and computers are used to enhance selected lessons.

CALCULUS
(11,12) One Semester 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.

HONORS CALCULUS
(11,12) One Semester 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

(11,12)       Full Year (Alternate Days)  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.

ADVANCED PLACEMENT CALCULUS BC

(11,12)       Full Year (Alternate Days)  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. 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.

ALGEBRA I CONCEPTS

(9,10)       Full Year  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 required that students who are identified as partially proficient on their math score of the NJ Grade 8 ASK exam enroll in this course.

GEOMETRY CONCEPTS

(10, 11,12)       Full Year  10 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.
INTEGRATED MATHEMATICS
(11,12) One Semester 5 Credits
This course reviews arithmetic skills and the fundamentals of Algebra I and Geometry in preparation for the SATs. It is designed to strengthen the skills of 11th grade students who are preparing to take Algebra II in the 12th grade, or to refresh the understanding of the 12th grade student preparing to enter college. Integrated Mathematics includes a survey of algebraic concepts and problem solving skills in geometry. Computer applications technology will be infused where applicable.

STATISTICS
(11,12) One Semester 5 Credits
This mathematics course is a non calculus based introductory course in statistics which may be chosen 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) One Semester 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. Scientific and graphing calculators are required.

CONSUMER MATH
(9,10,11,12) One Semester 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.

DISCRETE MATHEMATICS
(11,12) One Semester 5 Credits
Discrete mathematics is the study of mathematical topics which deal with things that can be counted using whole numbers, rather than continuous sets of numbers (like those covered in Algebra, Trigonometry and Calculus). The focus of this course will be on practical applications of discrete mathematics, particularly to issues of social choice and decision-making. Students will explore the connections among mathematical topics and real-life events and situations, while sharpening their problem-solving, mathematical reasoning and communication skills. The topics covered in Discrete Mathematics are often found in a standard mathematics course at the college level for the non-mathematics majors. Graphing calculators are required.
LABORATORY INTEGRATED SCIENCE

(9,10,11,12)  One Semester  5 Credits
The required course for all freshman, 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.

Freshmen are required to take the Integrated Science course.

LABORATORY BIOLOGY

(10,11,12)  One Semester  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. All enrolled students need to have completed Algebra I prior to enrollment in this class.

LABORATORY BIOLOGY HONORS

(9,10,11,12)  One Semester  5 Credits
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. Students interested in enrolling within this course must have received a 93 average or better in Integrated Science. It is required that students have completed Algebra I prior to enrolling in this course.

LABORATORY BIOLOGY CONCEPTS

(10,11,12)  One Semester  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.
(11,12)       Full Year      10 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.

IMPORTANT NOTE: The State of New Jersey now requires all students enrolled in Biology, with the exception of AP Biology, take a State administered Biology Exam. All Biology courses are designed to prepare students to successfully complete the New Jersey Biology Competency Test.

LABORATORY CHEMISTRY
(10,11,12)       One Semester      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. The course requires basic math skills and it is highly recommended that students either be enrolled in or have completed Algebra II prior to taking this course. Notetaking and study skills are stressed as an integral part of the approach.

LABORATORY CHEMISTRY HONORS
(10,11,12)       One Semester      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.
UNITED STATES HISTORY I
(10) One Semester 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. 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: Challenges for the Modern World.

WORLD HISTORY
(9) One Semester 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.

UNITED STATES HISTORY I HONORS
(10) One Semester 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.

LABORATORY ANATOMY & PHYSIOLOGY
(10,11,12) One Semester 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 UMDNJ accreditation. Students have the option to be tested to obtain college credits for this course.

LABORATORY PHYSICS
(11,12) One Semester 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) One Semester 5 Credits
Honors Physics is designed to give students a logical, sequential development of the understandings of major physics principles. It is offered for those students who contemplate continuing in a science 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.

ADVANCED PLACEMENT LABORATORY CHEMISTRY
(11,12) Full Year 10 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 major principles and mathematical concepts. The course is recommended for those students who plan to continue in Chemistry related fields in college. In order to enroll in this honors class students must 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.

ADVANCED PLACEMENT LABORATORY CHEMISTRY
NOTE: Discussions 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)  One Semester  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)  One Semester  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)  One Semester  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.
PHYSICAL EDUCATION I

(9) 3/4 Semester 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) 1/4 Semester 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) 3/4 Semester 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) 1/4 Semester 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) 3/4 Semester 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)  
1/4 Semester  
1.75 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)  
3/4 Semester  
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)  
1/4 Semester  
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)  
Full Year/One Semester  
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.

PRINCIPLES OF OFFICIATING AND COACHING TEAM SPORTS  
(11,12)  
One Semester  
5 Credits  
A sports class for people who love sports. A study of rules and rule interpretations as well as learning teaching and coaching techniques in team sports. This includes current trends and systems. Students will be required to do at least 10 volunteer hours per marking period in a local sports program, and will also be teaching and coaching some of the Manasquan Elementary School 8th grade Phys. Ed. Team sport activities.
MANASQUAN HIGH SCHOOL
2015-2016 COURSE OFFERINGS

RUTGERS UNIVERSITY
HEALTH SCIENCE
CAREERS PROGRAM

PROGRAM OVERVIEW

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 coursework. 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 2015-2016 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) One Semester 5 Credits
This course provides an orientation to health care services and their delivery. It presents an interdisciplinary 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) One Semester 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.
INTRODUCTION TO NUTRITION

(11,12) One Semester 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 & SPORTS INJURY MANAGEMENT

(11,12) One Semester 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) One Semester 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) One Semester 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.**
ARCHITECTURE AND CONSTRUCTION
(9,10,11,12) One Semester 5 Credits
This course is designed for students who are interested in architectural design, construction techniques, and 2-D Computer Aided Design (CAD) software. This course focuses on the development of a residential structure. Students will produce a complete set of architectural drawings that will include floor plans, window and door schedules, roof plans, section views, elevations, and more. Students will become proficient in using AutoCAD software.

ENGINEERING AND DESIGN
(9,10,11,12) One Semester 5 Credits
This course is designed for students who are interested in engineering, the design process, and 3-D solid modeling Computer Aided Design (CAD) software. This course emphasizes the application of the design method to invent solutions to real-world technological problems. Working individually, and in small groups, students will learn problem-solving and design skills through a variety of activities. Students will become proficient in using Pro/Engineer software.

INTRODUCTION TO ENGINEERING ROBOTICS
(10, 11, 12) One Semester 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.
MANASQUAN HIGH SCHOOL
2015-2016 COURSE OFFERINGS

FINE ARTS DEPARTMENT

Supervisor: Mr. Donald Bramley, B.S., M.A.
Ms. Marianne Caci, B.A., M.A.
Ms. Nicole Caravella, B.A.
Ms. Carolyn Treney, B.A.

FOUNDATIONS IN ART
(9,10,11,12) One Semester 5 credits
Foundations of Art is designed to offer 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.

CRAFTS
(9,10,11,12) One Semester 5 credits
Crafts will enable students to be exposed to many art mediums from cultures around the world. Students will be participating in a variety of projects. Included in this class will be fiber design, batik, weaving, printmaking, leather craft, clay 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) One Semester 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

(11,12) One Semester 5 credits

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) One Semester 5 credits
This course is an introduction to Ceramics which encompasses many techniques to make pottery, including pinching, coiling, slabs, additive and subtractive sculpture and the wheel. Decorating techniques, commercial glazes, Majolica and underglazes will be covered. Students will learn the skills to create decorative and functional creative pieces in clay.

ADVANCED PLACEMENT STUDIO ART

(11,12) Full Year 10 Credits
Pre-requisite: Two MHS art courses with a 93 or above average
The Advanced Placement Studio Art Program is designed to enable the highly motivated art student to do college level work while still attending high school. Participation in this program will both require and demand a significant amount of personal time and commitment outside the regular classroom. Project work will be given and graded on a regular basis in accordance with the Advanced Placement Art Portfolio requirements. At the end of this program, students are required to submit their work for evaluation by the College Board.

INTRODUCTION TO SCULPTURE

(9,10,11,12) One Semester 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.
FOOD AND CULTURE

(9,10,11,12) One Semester 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.

CATERING

(9,10,11,12) One Semester 5 Credits
Students will learn how to develop and set up a successful catering business. Among the topics to be covered include business and kitchen set-up, marketing, sanitation, food service equipment, garnishing, services styles, and plating and table presentation. Each unit will focus on various meal courses including appetizers, soups, salads, sides, and entrees. Students will complete an event planning project complete with a menu, signature recipe, and event outline. This course serves well as a springboard for those interested in pursuing a career in the food service or hospitality industry.

BASIC FOODS

(9,10,11,12) One Semester 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 MYPlate model of fruits, vegetables, proteins, grains and dairy foods.
In order to qualify for an honors level course, students must have at least a 93 average in the previous United States History I Honors program.

Selection for this curriculum is based on recommendations from the elementary school that the student attends.

Please note: There are no exceptions to this rule.

The award winning Warrior Band has received much recognition over recent years with performances at Disney World, 1996 & 1999 World Series at Yankee Stadium and ticker tape parades, Richmond, Virginia, United States Military Academy at West Point, as well as 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, professional, 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.

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.

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.

Arts Practicum is a course which enables students with advanced standing to participate in individual or small group learning experiences tailored to their future careers. Current offerings include:

Music: Theory, Composition, Analysis, Arranging, Music Business, Recording
Technology: Advanced Video Production, Producing Television, Computer Editing, Graphics, Video Toaster, Lightwave 3-D.

Theatre: Theatre Technology, Design, History
INTRODUCTION TO ACTING

(9,10,11,12) One Semester 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 I

(9, 10, 11, 12) One Semester 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.

JAZZ IMPROVISATION II

(9, 10, 11, 12) One Semester 5 Credits
This is a continuation of Jazz I. Students will hone their improvisation and ear training skills. More difficult jazz selections will be learned and improvised on and students take a more in-depth look at several jazz luminaries.
LEARNING DISABILITY CLASS

(9,10,11,12)
A self-contained class for students who have been diagnosed as learning disabled. This program provides instruction in many academic areas, as well as study skills. Placement in these classes is through the Child Study Team.

<table>
<thead>
<tr>
<th>English</th>
<th>Current Affairs</th>
<th>Life Skills</th>
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<tbody>
<tr>
<td>World History</td>
<td>Earth Science</td>
<td>Math Applications &amp; Consumerism</td>
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<tr>
<td>US I</td>
<td>Environmental Science</td>
<td>Structured Learning Experience</td>
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<td>US II</td>
<td>Fundamentals of Geometry</td>
<td>Fundamentals of Algebra</td>
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<tr>
<td>Biological Science</td>
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<td>Computer Applications</td>
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LIFE SKILLS PROGRAM

The Life Skills program is a self-contained class for classified students. 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 Skill 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.

NOTE: In addition to the Special Education Classes listed above the Department also provides “In Class Support” when Individual Educational Plans call for services within the following regular education High School classes:

<table>
<thead>
<tr>
<th>English I</th>
<th>Biological Science</th>
<th>Geometry Concepts</th>
<th>United States History I</th>
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<tbody>
<tr>
<td>English II</td>
<td>Laboratory Biology Concepts</td>
<td>Geometry</td>
<td>United States History II</td>
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<tr>
<td>English III</td>
<td>Algebra I</td>
<td>Algebra II</td>
<td>Spanish I</td>
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<tr>
<td>English IV</td>
<td>Algebra Concepts</td>
<td>World History</td>
<td>Laboratory Biology</td>
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<td>Integrated Science</td>
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</tbody>
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CHILD STUDY TEAM MEMBERS:

Ms. Margaret McNamara Polak, B.A., M.A., Ed.S., School Psychologist/Supervisor
Ms. Susan Van-Note, B.A., M.A.
Mr. Robert W. Kehoe, B.A., M.A., School Psychologist
Ms. Pam Cosse, B.A., M.S.W., School Social Worker
### RECOMMENDED SEQUENCE FOR GRADUATION

**College Bound Students**

**IMPORTANT NOTE:** College bound students need to be aware that college requirements will vary from school to school. Please consult with your Guidance Counselor to ascertain the specific requirements necessary for admission to the school(s) of your choice.

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<tr>
<th>GRADE 9</th>
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<td>English I</td>
<td>English II</td>
<td>English III</td>
<td>English IV</td>
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<tr>
<td>Phys Ed &amp; Health I</td>
<td>Phys Ed &amp; Health II</td>
<td>Phys Ed &amp; Health III</td>
<td>Phys Ed &amp; Health IV</td>
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<tr>
<td>World History</td>
<td>US History I</td>
<td>US History II</td>
<td>Electives</td>
<td>US History I &amp; II H; AP American &amp; AP World History</td>
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<td>Geometry or Algebra II</td>
<td>Algebra II or Pre</td>
<td>Pre Calculus or</td>
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<td>or Algebra II</td>
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<td>Calculus</td>
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<td>Integrated Science</td>
<td>Lab Biology or</td>
<td>Chemistry or</td>
<td>Physics or Elective</td>
<td>Biology H, Chemistry H, AP Chemistry, AP Biology, Physics H</td>
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<td>Chemistry</td>
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<td>Computer Applications</td>
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<td>Introduction to</td>
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<td>Business</td>
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**RECOMMENDED SEQUENCE FOR GRADUATION**

**Non-College Bound Students**

IMPORTANT NOTE: Monmouth County Vocational Schools offer a full array of vocational courses. MOST are TWO years in length. See your counselor for details.

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<tr>
<td>Computer Applications Technology</td>
<td>Introduction to Business</td>
<td>Elective</td>
<td>Elective</td>
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<tr>
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<td>World Language</td>
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