

# TOMS RIVER REGIONAL HIGH SCHOOLS



## COURSE SELECTION GUIDE 2017-2018

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## **MISSION STATEMENT**

The Toms River Regional School District is a team of talented, committed staff, dedicated learners, and supportive community members. We are devoted to providing a comprehensive, caring educational experience based upon the New Jersey Student Learning Standards which nurtures the unique talents of each individual. As life-long learners, our students grow to become socially responsible individuals who value and respect diversity. Our mission is to create a safe and positive learning environment where children can develop the confidence and capabilities to face the challenges of our rapidly changing world.

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# GRADUATION REQUIREMENTS SUMMARY

NJ State Minimum\* Graduation Requirements by Content Area and Grade 9 Class.

| Course and credit requirements for all students entering grade 9 in:            |   |           |           |           |
|---|---|-----------|-----------|-----------|
|   | 2014-2015   | 2016-2016 | 2016-2017 | 2017-2018 |
| LANGUAGE ARTS<br>LITERACY   | 20 credits aligned to grade nine through twelve standards   |           |           |           |
| MATHEMATICS   | 15 credits including algebra I and geometry<br>or the content equivalent * and a third year of math that builds on the concepts and skills of algebra and geometry and prepares students for college<br>and 21 <sup>st</sup> century careers.                                     |           |           |           |
| SCIENCE   | 15 credits including at least five credits in laboratory biology/life science or the content equivalent **; an additional laboratory/inquiry-based science<br>course including chemistry, environmental science, or physics; and a third laboratory/inquiry-based science course. |           |           |           |
| SOCIAL STUDIES  | 15 credits including satisfaction of N.J.S.A. 18A:35-1 and 2; five credits in world history;<br>and the integration of civics, economics, geography and global content in all course offerings.   |           |           |           |
| FINANCIAL, ECONOMIC<br>BUSINESS, AND<br>ENTREPRENEURIAL<br>LITERACY             | 2.5 credits   |           |           |           |
| HEALTH, SAFETY, AND<br>PHYSICAL EDUCATION                                       | 3 ¼ credits in health, safety, and physical education during each year of enrollment,<br>distributed as 150 minutes per week, as required by N.J.S.A. 18A:35-5, 7 and 8.  |           |           |           |
| VISUAL AND<br>PERFORMING ARTS   | 5 credits   |           |           |           |
| WORLD LANGUAGES   | 5 credits or student demonstration of proficiency.  |           |           |           |
| TECHNOLOGICAL<br>LITERACY   | Consistent with the New Jersey Student Learning Standards, integrated throughout the curriculum.  |           |           |           |
| 21 <sup>ST</sup> CENTURY LIFE AND<br>CAREERS, OR CAREER-<br>TECHNICAL EDUCATION | 5 credits   |           |           |           |
| TOTAL CREDITS<br>(State Minimum)  | 120 ***   |           |           |           |

\* School districts may establish course and/or credit requirements which exceed the State minimums.

\*\* "Content equivalent" means courses or activities that include the same or equivalent knowledge and skills as those found in traditionally titled courses which are required for high school graduation and which are aligned with the New Jersey Student Learning Standards . This content must be taught by certified teachers, may be integrated in one or more courses, may be titled differently, or may present material in an interdisciplinary or spiral format.

\*\*\* The 120 credit total is greater than the sum of the individual requirements above, to allow for student electives.

## STATE GRADUATION REQUIREMENTS

| <u>Subject Area</u>  | <b>Total<br/>Required<br/>Credits</b> |
|--|---------------------------------------|
| English  | 20                                    |
| Health and Physical Education                              | 20                                    |
| Mathematics  | 15                                    |
| Science  | 15                                    |
| Social Studies (10 credits must be American History)       | 15                                    |
| World Language   | 5                                     |
| Visual and Performing Arts                                 | 5                                     |
| Life and Careers, or Career Technical Education            | 5                                     |
| Financial, Economic Business, and Entrepreneurial Literacy | 2.5                                   |
| Electives  | 17.5                                  |

## TESTING GRADUATION REQUIREMENTS

This chart represents graduation assessment requirements as per the NJDOE. The passing scores reflected below may change on an annual basis.

| ENGLISH LANGUAGE ARTS (ELA)  | MATHEMATICS  |
|--|--|
| PARCC ELA Grade 9 $\geq$ 750 (Level 4) or  | PARCC Algebra I $\geq$ 750 (Level 4) or                                      |
| PARCC ELA Grade 10 $\geq$ 750 (Level 4) or   | PARCC Geometry $\geq$ 725 (Level 3) or                                       |
| PARCC ELA Grade 11 $\geq$ 725 (Level 3) or   | PARCC Algebra II $\geq$ 725 (Level 3) or                                     |
| SAT Evidence-Based Reading & Writing Section (taken 3/1/16 or later) $\geq$ 450 or | SAT Math Section (taken before 3/1/16 or later) $\geq$ 440 or                |
| SAT Reading Test (taken 3/1/16 or later) $\geq$ 22 or                              | SAT Math Test (taken 3/1/16 or later) $\geq$ 22 or                           |
| ACT Reading or ACT Plan Reading $\geq$ 16 or                                       | ACT Math or ACT PLAN Math $\geq$ 16 or                                       |
| Accuplacer Write Placer $\geq$ 6 or  | Accuplacer Elementary Algebra $\geq$ 76 or                                   |
| Accuplacer Write Placer ESL $\geq$ 4 or  | Accuplacer Elementary Algebra $\geq$ 76 or                                   |
| PSAT 10 Reading or PSAT/NMSQT Reading (taken before 10/1/15 or later) $\geq$ 22 or | PSAT 10 Math or PSAT/NMSQT Math (taken before 10/1/15 or later) $\geq$ 22 or |
| ACT Aspire Reading $\geq$ 422 or   | ACT Aspire Math $\geq$ 422 or  |
| ASVAB-AFQT Composite $\geq$ 31 or  | ASVAB-AFQT Composite $\geq$ 31 or  |
| Meet the criteria of the NJDOE Portfolio Appeal                                    | Meet the criteria of the NJDOE Portfolio Appeal                              |

### Class of 2018 & 2019

| ENGLISH LANGUAGE ARTS (ELA)                     | MATHEMATICS                                     |
|---|---|
| PARCC ELA Grade 9 or                            | PARCC Algebra I or                              |
| PARCC ELA Grade 10 or                           | PARCC Geometry or                               |
| PARCC ELA Grade 11 or                           | PARCC Algebra II or                             |
| SAT READING                                     | SAT Math  |
| ACT Reading or ACT PLAN Reading or              | ACT Math or ACT PLAN Math or                    |
| Accuplacer WritePlacer or                       | Accuplacer Elementary Algebra                   |
| Accuplacer WritePlacer ESL or                   | PSAT 10 Math or PSAT/NMSQT Math or              |
| PSAT 10 Reading or PSAT/NMSQT Reading or        | PSAT 10 Math or PSAT/NMSQT Math or              |
| PSAT 10 Reading or PSAT/NMSQT Reading or        | ACT Aspire Math                                 |
| ACT Aspire Reading or                           | ASVAB-AFQT Composite                            |
| ASVAB-AFQT Composite or                         | Meet the Criteria of the NJDOE Portfolio Appeal |
| Meet the Criteria of the NJDOE Portfolio Appeal |   |

### Class of 2020

| ENGLISH LANGUAGE ARTS (ELA)   | MATHEMATICS   |
|---|---|
| <b>MUST TAKE</b> PARCC ELA Grade 9 and  | <b>MUST TAKE</b> PARCC Algebra I and  |
| <b>MUST TAKE</b> PARCC ELA Grade 10 or and  | <b>MUST TAKE</b> PARCC Geometry and   |
| <b>MUST TAKE</b> PARCC ELA Grade 11 or  | <b>MUST TAKE</b> PARCC Algebra II   |
| <b>IF PASSING SCORE NOT MET ON ANY OF THE THREE, THEN THE STUDENT CAN USE THE FOLLOWING</b> | <b>IF PASSING SCORE NOT MET ON ANY OF THE THREE, THEN THE STUDENT CAN USE THE FOLLOWING</b> |
| SAT READING   | SAT Math  |
| ACT Reading or ACT PLAN Reading or  | ACT Math or ACT PLAN Math or  |
| Accuplacer WritePlacer or   | Accuplacer Elementary Algebra   |
| Accuplacer WritePlacer ESL or   | PSAT 10 Math or PSAT/NMSQT Math or  |
| PSAT 10 Reading or PSAT/NMSQT Reading or  | PSAT 10 Math or PSAT/NMSQT Math or  |
| PSAT 10 Reading or PSAT/NMSQT Reading or  | ACT Aspire Math   |
| ACT Aspire Reading or   | ASVAB-AFQT Composite  |
| ASVAB-AFQT Composite or   | <b>Meet the Criteria of the NJDOE Portfolio Appeal</b>                                      |
| <b>Meet the Criteria of the NJDOE Portfolio Appeal</b>                                      |   |

### Class of 2021

| ENGLISH LANGUAGE ARTS ELA  | MATHEMATICS   |
|--|---|
| <b>MUST TAKE</b> PARCC ELA GRADE 9 and   | <b>MUST TAKE AND PASS</b> PARCC Algebra I and   |
| <b>MUST TAKE AND PASS</b> PARCC ELA GRADE 10 and   | <b>MUST TAKE</b> PARCC Geometry and   |
| <b>MUST TAKE</b> PARCC ELA GRADE 11  | <b>MUST TAKE</b> PARCC Algebra II   |
| <b>If passing score not met on PARCC ELA Grade 10, then the student can use the following. Meet the Criteria of the NJDOE Portfolio Appeal</b> | <b>If passing score not met on PARCC Algebra I, then the student can use the following. Meet the Criteria of the NJDOE Portfolio Appeal</b> |

\*The above requirements are subject to change as per the New Jersey Department of Education

# CURRICULUM REQUIREMENTS

## I. Curriculum Requirements

- a. The proficiency requirements for all courses will be set forth in writing and will be posted on-line for all students and parents at the start of all courses.
- b. All students must carry a minimum of 30 credits per year. In addition to the above-listed curricular requirements, a student must successfully pass all State required proficiency assessments required for graduation.
- c. When selecting your courses, please refer to the Pupil Eligibility Athletic and Other Co-Curricular Activities Policy listed below:

Fall Sports: Sophomores, Juniors and Seniors must pass 30 credits from previous school year, including summer school. All Freshmen are eligible.

Winter Sports: Sophomores, Juniors and Seniors must pass 30 credits from previous school year, including summer school. All Freshmen are eligible.

Spring Sports: Freshmen, Sophomores, Juniors and Seniors must be passing 30 credits. However, Seniors carrying less than 30 credits must be passing all courses in which they started the school year with.

PLEASE NOTE: SENIORS DROPPING A CLASS MAY BE INELIGIBLE TO PARTICIPATE IN ATHLETICS. Please see your guidance counselor for more information.

- d. Students may receive up to 2.5 credits for Independent Study according to the Independent Study Administrative procedures. Independent Study courses do not count for student's weighted or un-weighted GPA.
- e. Students may avail themselves to the Early Admission Program of the Board of Education. (See Policy 6146)
- f. The Board shall adopt the Ocean County Vocational Technical Schools Comprehensive Academic Documentation Package identifying mathematics and science competencies within the vocational program. Also, Personal Finance, if necessary.

## II. Promotion (Policy 6146.2)

- a. A high school student will be allowed to move to the next grade with his/her class regardless of the number of credits accumulated, but may not graduate unless all graduation requirements are met.

## III. Special Education Students

- a. In order to graduate, pupils with educational disabilities must meet all the graduation requirements established by the State Board, including minimum proficiency levels on all required N.J. State Assessments, curriculum requirements, and attendance standards, unless the pupil's individualized education program (IEP) exempts the pupil from the requirements.

A pupil with educational disabilities may be exempted from passing the required State Assessments and curricular requirements if the IEP sets goals and objectives that do not include the range of skills and curricular requirements. A pupil may be exempted from taking the PARCC if the IEP establishes that the pupil has not been instructed in any of the knowledge and skills tested and that the student would not be able to complete any of the types of tasks on the PARCC. An IEP that does not include the proficiencies measured by the PARCC and the curriculum generally required for graduation must include a rationale for the exemptions and alternate proficiency assessment required for the pupil's graduation.

A pupil with educational disabilities who has not been exempted from the required State Assessment proficiencies and has performed below the State minimum levels of proficiency in one or more areas shall participate in a State mandated alternate high school assessment as designated by the NJDOE.

## IV. Attendance

- a. The Board of Education has adopted an attendance policy (5113). This policy shall govern the attendance requirements necessary to accumulate credits toward graduation.

# PATHWAYS TO GRADUATION

## OPTIONS

A student may meet the 120 credit requirement through one or a combination of options or pathways that follow.

### I. OPTION I (Traditional Path of Studies)

A student earns credits by successful completion of all required courses.

### II. OPTION II (Alternate Path)

This option permits a student to earn credits in a more personalized and independent manner. Option II offers alternative paths to credits that meet or exceed the New Jersey Student Learning Standard and are based on student interest or career goals (N.J.A.C.6A:8-5.1(a)1ii) . Examples include distance or online learning, world language through demonstration of proficiency, or successful completion of an accredited college course. Option II requires application and pre-approval from the principal, in addition to Board of Education approval, to ensure that student achievement meets or exceeds the standards. Before credit will be awarded student must pass appropriate assessments, and other measures of progress.

**Physical Education and Financial Literacy are currently offered as Option II programs through the Toms River School District.**

## PROGRAM OFFERINGS

The Toms River High Schools provide varied course offerings for students who plan to continue their education or to enter the world of work immediately following high school. With the help of their parents or guardians, teachers, and guidance counselors, students should be able to choose an educational program that is attainable, meaningful, and useful.

## COLLEGE PREPARATORY

Students wishing to pursue a college preparatory program must meet certain requirements for college admission. Although entrance requirements vary from college to college, a minimum of 16 college preparatory academic units (courses) is recommended.

## SUGGESTED COLLEGE-BOUND CREDIT TOTALS

| <u>Subject Area</u>  | <u>Credits</u> |
|--|----------------|
| English  | 20             |
| Science  | 20             |
| Mathematics  | 20             |
| Social Studies (10 credits must be American History)       | 20             |
| World Language   | 15             |
| Visual and Performing Arts                                 | 5              |
| PE/Health  | 20             |
| Career and Consumer Family and Life Skills                 | 5              |
| Financial, Economic Business, and Entrepreneurial Literacy | 2.5            |
| Electives  | 20             |

- These courses typically fill the required academic units for college.
- College Admission Counselors (NOCAC) strongly suggest that students maintain a rigorous academic schedule all four years of high school

- Students should refer to "Graduation Requirements Policy" to prepare a tentative course plan for all four years of high school. Pupil eligibility policy mandates that a student be passing a minimum of 6 courses (30 credits) in order to maintain eligibility.

It is difficult to be specific about admission to colleges and universities because each has its own requirements. Certainly the more competitive the college, the more rigorous the requirements. In selecting applicants for admission, four-year colleges consider class rank, grades earned, level of difficulty of subjects studied, scores on the SAT, Scholastic Aptitude Test, and SAT Subject Tests, and/or the ACT, American College Test, recommendation of high school counselors and teachers, as well as extra-curricular involvement. Current information on individual college requirements is available through the Guidance Department. Students planning to take the SAT or ACT are strongly urged to participate in a preparation program.

## **STUDENT PLACEMENT**

The Toms River Regional School District subscribes to the philosophy that every student should be provided with an optimum opportunity to succeed in his/her educational endeavors. Therefore, students are scheduled into courses in which they may work at a level compatible with their ability level and consistent with their future plans. Placement in specific classes is determined by the following criteria

- Student Goals/Aspirations**
- Past Academic Performance**
- Teacher/Counselor Recommendations**
- Course Prerequisites**
- Standardized Test Scores**

### **GRADING KEY**

|    |                        |
|----|------------------------|
| A+ | 97-100                 |
| A  | 90-96                  |
| B+ | 87-89                  |
| B  | 80-86                  |
| C+ | 77-79                  |
| C  | 70-76                  |
| D  | 65-69 Poor but Passing |
| F  | Below 65-Failing       |
| P  | Passing                |
| W  | Withdrawal             |
| WF | Withdrawal Failing     |
| M  | Medical                |

### **CLASS RANK**

Class rank is computed in accordance with the recommendations of the National Association of Secondary School Principals.

Rank is calculated at the end of the 4<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> semester.

The student with the highest weighted academic average is ranked number 1, the second highest is ranked number 2, etc.



## GRADING AND WEIGHTING SCALE

Starting with the 2015-2016 freshman class the grade weighting will be as follows:

### GRADING AND WEIGHTING SCALE

| Grading Scale | Quality Points                 |        |     |
|---------------|--------------------------------|--------|-----|
|               | College Prep & General Studies | Honors | AP  |
| A+            | 4.5                            | 5.5    | 6   |
| 97-100        |                                |        |     |
| A             | 4                              | 5      | 5.5 |
| 90-96         |                                |        |     |
| B+            | 3.5                            | 4.5    | 5   |
| 87-89         |                                |        |     |
| B             | 3                              | 4      | 4.5 |
| 80-86         |                                |        |     |
| C+            | 2.5                            | 3.5    | 4   |
| 77-79         |                                |        |     |
| C             | 2                              | 3      | 3.5 |
| 70-76         |                                |        |     |
| D             | 1                              | 2      | 2.5 |
| 65-69         |                                |        |     |
| F             | 0                              | 0      | 0   |
| Below 65      |                                |        |     |

## **ADVANCED PLACEMENT COURSES**

Advanced Placement courses are college-level courses designed for students who are academically advanced, self-motivated, and have a desire to be challenged. At the college's discretion, students may earn college credit or advanced standing as based upon the successful completion of the course and the examinations. The Advanced Placement Examination is prepared and scored by the College Board. The following courses are offered in Advanced Placement: 1) AP Language and Composition, 2) AP Literature and Composition, 3) AP Calculus, 4) AP Statistics, 5) AP Computer Science, 6) AP Biology, 7) AP Chemistry, 8) AP Environmental Science, 9) AP Physics, 10) AP United States History, 11) AP United States Government and Politics, 12) AP Art Studio

## **INDEPENDENT STUDY**

Independent Study offers students the opportunity to design a program of study to supplement our high school program. Students are provided the opportunity to enroll in an Independent Study program at the eleventh and/or twelfth grade levels. The program must be directly related to a course in which the student is enrolled or has successfully completed. Every program must be administratively approved and carries 2½ credits per school year. Independent Study courses are not computed in class rank. Applications are available in the guidance office.

## **GUIDANCE SERVICES**

The Guidance Department is organized to offer support and to provide information to students and their parents throughout the four years of high school. Students are assigned a counselor when they enter high school. Conferences are held with each student to discuss educational and vocational plans. Students with academic and personal problems are assisted by the counselors and referred to appropriate agencies as necessary. Parents are encouraged to attend all guidance programs.

# NONDISCRIMINATION/SEXUAL HARASSMENT POLICIES AND PROCEDURES

Federal Law prohibits educational program and employment discrimination on the basis of gender (Title IX of the 1972 Educational Amendments); handicap (Section 504 of the Rehabilitation Act of 1973); age (Age Discrimination In Employment Act of 1967); and race, color, religion, gender, or national origin (Title VII of the Civil Rights Act of 1964). New Jersey Title 6 prohibits educational program and employment practices discrimination on the basis of race, creed, color, national origin, ancestry, age, marital status, affectional or sexual orientation, gender, religion, disability or socioeconomic status.

The Toms River Regional Board of Education does not discriminate on the basis of race, creed, color, national origin, ancestry, age, marital status, affectional or sexual orientation (real or perceived), gender, religion, disability or socioeconomic status in its educational programs, vocational programs or employment practices in accordance with the applicable statutes.

In addition, the Board of Education is committed to maintaining an instructional and working environment that is free from harassment of any kind. It shall be a violation of this policy for students to harass other students, or for students to harass staff members, or for staff members to harass students through conduct or communications of a sexual nature.

Sexual harassment is a violation of state and federal laws. It has been defined under the Equal Employment Opportunity Commission as unwelcome sexual advances, requests for sexual favors and other verbal or physical conduct of a sexual nature.

Findings of sexual harassment **will** result in disciplinary action which may include parental conference, suspension (either in- or out-of-school), and/or a report with the Toms River Police Department and any other disciplinary action deemed necessary and appropriate by the Superintendent of Schools/Board of Education.

The Toms River Regional Board of Education has non-discrimination/affirmative action policies and a grievance procedure whereby any student, parent, teacher, administrator, or member of the community who has a grievance (a complaint of discrimination or harassment) may present such grievance for consideration. These policies and grievance procedures are available in the Office of the Superintendent of Schools, in the Principal's Office at each school, and in the district Affirmative Action Office.

Inquiries regarding compliance with nondiscrimination laws may be directed to (1) Wendy Rozwadowski-Dravis, District Affirmative Action Officer, West Dover Elementary, 50 Blue Jay Dr., Toms River, NJ 08755, Phone (732) 505-5920; (2) Kelly Kernasovic, District Affirmative Action Officer, Washington Street Elementary, 500 West Earl Court, Toms River, NJ 08753, (732) 505-5910; (3) Norma DeNoia, 504 Coordinator, 1144 Hooper Avenue, Toms River, NJ 08753, Phone (732) 505-5526; (4) U.S. Department of Education for Civil Rights, Region II (for Federal laws), 32 Old Slip, 26<sup>th</sup> Floor, New York, NY 10005-2500, Phone (646) 428-3900; and (5) NJ Division of Civil Rights, 140 E. Front Street, 6<sup>th</sup> Floor, P.O. Box 090, Trenton, NJ 08625-0090, Phone (609) 292-4605.

## ACADEMY COURSE DESCRIPTIONS

**Non-academy students will be permitted to enroll in academy courses provided there is availability and the prerequisites have been met.**

For the 2017-2018 school year, Toms River Regional Schools will roll out three academies – “schools within schools” – at its three high schools. Each academy will adopt a curriculum that exposes students to diverse pedagogies, perspectives, and peers that include options for high-quality career and technical education programs. At High School North, the **Toms River Regional Arts Academy** will build on an already strong culture of arts-infused education, leading students to careers in the performing arts, visual arts and digital arts, while teaching them to apply their creative skills to other disciplines. **Toms River Regional STEAM Academy** at High School East will provide courses of study in Engineering, Biomedicine and Environmental Sustainability. The STEAM academy programs align with a burgeoning, sustainable academic and cultural trend. The U.S. Department of Education reports STEAM jobs in the U.S. will grow 14% this decade, and our STEAM Academy will boast rigorous preparation for careers in marine science, medicine, engineering, advanced manufacturing, and more. High School South students will be the beneficiaries of the **Toms River Regional Business and Finance Academy**. This academy will feature three strands: Finance, Entrepreneurship and Real Estate. High-level, high-earning jobs await those with 21<sup>st</sup>-century skills in economics, finance, marketing, real estate, and entrepreneurship, and our students will be well-equipped for post-secondary education and the world beyond. The facilities hosting these academies benefit in the bigger picture, not only by retaining motivated and talented students in the home school, but by assuring that the academy programs, activities, and students integrate well and often with their non-academy peers. These three academies make an emphatic statement about Toms River Regional Schools’ commitment to its students and the future of this community, and further bolsters the district’s reputation for educational trail-blazing and innovation.

### **Admission**

Students must apply for admission into these programs and meet certain eligibility requirements. Acceptance into the programs will be based on multiple criteria including benchmark test scores, intermediate school grades, teacher recommendations and an entrance exam (Business and STEAM Academies) or audition, portfolio of 2-D/3-D artwork submitted digitally (Arts Academy). All students will be required to write an essay (no more than 500 words) describing their desire to attend the academy of their choice and their unique qualifications and they will have to complete a performance task. **See the “Academies” tab on the TRSCHOOLS web-site for detailed admission information and applications.**

Much like a college environment, academy students will take the majority of their courses with the general population of the high schools and be bussed to their full time academy. Each year they will be required to take certain courses in the “major” from the academy course offerings. Academy students are expected to maintain high academic and behavior standards to remain in the program.

## Program Requirements

Students applying for any of our three academies understand that there is increased academic rigor, higher performance standards and an expectation that the student can manage, with staff support, the workload, time management, and additional responsibilities. Students will have progress evaluations in the middle of each marking period, coordinated by the student's counselor, to make sure that he/she is meeting the minimum average required for each program.

1. Students must maintain a B average in each academy course and a B+ average overall as per the academy contract. If the student falls below B+ at the mid-point or at the end of a marking period, an individualized improvement plan will be developed. Upon completion and attaining the B+ grade, the student will have satisfied the Academy requirement. The second time that a student earns a status of unacceptable in the same course they will be excused from the academy but will remain in the same academy course for the remainder of that school year.
2. If the student does not maintain a B in each academy course after finals, he/she will be removed from the Academy. The students must receive a grade of B to fulfill the academy requirement. If a student does not meet the final grade of B, he/she may move onto the next course sequence as a non-academy student.
3. If the student is unsuccessful in fulfilling the academic requirement they will be excused from the academy and placed in the appropriate academic courses.
4. Any behavior that is dangerous or unacceptable, such as in a lab situation or dance space where such behavior could result in the harm of the student or another student, may necessitate the removal of the student from the academy.
5. Students involved in internship experiences must abide by the TRRS Code of Conduct and meet all guidelines and expectations of the host facility.

Academy participation is a four year commitment. While students will have many unique opportunities, it also will require time beyond the school day. These academy programs of study will include experiential, supervised, in-depth structured learning experiences aligned with the New Jersey Student Learning Standards that are designed to offer students opportunities to more fully explore career interests. Rigorous activities will be integrated into the curriculum that provide students with the opportunity to demonstrate and apply a high level of academic and technical skills, and develop personal, academic and career goals. There will be on line components, seminars, capstone projects, and opportunities to earn industry valued credentials and college credits. Students should consider all available information before deciding to apply to an academy.

Please see the "academies" tab on the TRSCHOOLS homepage or your school counselor with any questions.

## Arts Academy Sample Course Sequences

This is a suggested course sequence. Courses in **BOLD** are new courses not currently offered. This sequence is subject to change.

| Content Area                                       | Grade 9  | Grade 10   | Grade 11   | Grade 12  |
|--|--|--|--|---|
| English/<br>Language Arts                          | English 1 (H/CP)   | English 2 (H/CP)   | English 3 (H,CP,AH),<br>AP Lang & Comp   | English 4 (H, CP)<br>World Lit or<br>AP Lit & Comp or<br>AP Lang & Comp   |
| Social Studies (10<br>credits must be<br>American) | World Civilization<br>(H/CP)                                     | Amer Hist 1 (H/CP/AH)  | Amer Hist II (H/CP/AH)<br>AP US Gov & Politics<br>Or AP US History   | 2.5 Finance Option 2/2.5<br>Careers   |
| Health/PE  | Health/PE  | Drivers Ed/PE  | Health/PE or Option 2  | Health/PE or Option 2   |
| Math - <i>Visual and Perf<br/>Arts Strand</i>      | Geometry or Algebra I  | Algebra II   | Pre-Calc   |   |
| Math - <i>Digital Arts<br/>Strand</i>              | Geometry   | Algebra II, <b>AP<br/>Computer Sci<br/>Principles</b>  | Pre-Calc,<br>AP Computer Science   | Calculus  |
| Science  | Earth Science or<br>Biology                                      | Biology or Chemistry   | Chemistry, Physics,<br>Biochem of Nutrition<br>and Physiology (PA)   | option  |
| <i>Visual Arts</i>                                 | Intro to Artist's Studio   | Art History<br>Artist's Studio<br><b>Painting/ Drawing/<br/>Sculpture/Fiber<br/>Arts/Ceramics/<br/>Photography<br/>Jewelry</b><br>(½ year courses) | Advanced Artist's<br>Studio<br><b>Artist Seminar:<br/>Monthly Focus on<br/>Career/ Education<br/>Opportunities</b><br>½ year courses with<br>focus on specific<br>discipline   | AP Studio Art<br>Senior Portfolio<br>Internship   |
| <i>Performing Arts</i>                             | Music Theory I<br>Band, Choral or<br>Orchestra I<br>Theatre Arts | Music Theory II<br>Theatre Arts<br><b>Acting<br/>I/Directing/keyboardsing</b><br>(½ year courses)<br>Band 2, Concert Choir<br>or Orchestra II      | <b>Composition I (Fall<br/>Semester)</b><br><b>Dance<br/>Costume Design/<br/>Scenic Design</b> (½<br>year courses)<br>Band 3, Master Choir<br>or Orchestra 3<br><b>Composition II<br/>(Advanced Notation,<br/>Sequencing, Digital<br/>Media, Digital Audio)</b><br>(Spring Semester) | <b>Integrated Music Technology</b><br>Senior Portfolio<br>Acting II/Directing II/Acoustics<br>of Music (½ year courses)<br>Band 4, Master Choir or<br>Orchestra 4 |
| <i>Digital /<br/>Film Arts</i>                     | Art I: Elements of<br>Design-                                    | Intro to Computer<br>Graphics & Design;<br>Architectural Design<br>Technology or<br><b>Film -History</b>   | Advanced Computer<br>Graphics and Design<br>Creative Design<br>Technology  | <b>Game and App Design</b>  |
| Required or<br>Recommended<br>Electives            | Multimedia (2.5 cred);<br>Engineering and<br>Design Tech         | Creative Writing and<br>Speech (elective)<br>World Language  | Community Action   | Cooperative Education<br>Internship<br>Humanities   |

## STEAM Academy Sample Course Sequences

This is a suggested course sequence. Courses in **BOLD** are new courses not currently offered. This sequence is subject to change.

| Content Area  | Grade 9   | Grade 10  | Grade 11  | Grade 12   |
|---|---|---|---|--|
| English/<br>Language Arts                                 | English 1 (H)                                   | English 2 (H)   | English 3 (H, AH),<br>AP Lang & Comp                    | English 4(H, CP) or<br>AP Lang & Comp<br>and/or AP Lit &<br>Comp |
| Social Studies  | World Civilization<br>(H)                       | Amer Hist 1 (H, AH)   | Amer Hist II (H)<br>Or AP US History                    |  |
| Health/PE   | Health/PE                                       | Drivers Ed/PE   | Health/PE or Option 2                                   | Health/PE or Option<br>2   |
| Math<br><i>Biomedical Strand</i>                          | Geometry  | Algebra II  | Pre-Calc and<br>Intro to Computer<br>Programming        | Calc I or II; AP<br>Computer Science                             |
| Math<br><i>Engineering Strand</i>                         | Geometry and<br>Algebra II                      | Pre-Calc  | AP Calculus I (AB);<br>Intro to Computer<br>Programming | AP Computer<br>Science, AP<br><b>Calculus II (BC)</b>            |
| Math<br><i>Environmental<br/>Sustainability Strand</i>    | Geometry  | Algebra II  | Pre-Calc and/or<br>Introduction to<br>Computer Prog     | Calc I or II; AP<br>Computer Science                             |
| Science<br><i>Biomedical Strand</i>                       | Biology I (H)                                   | Chemistry (H) and<br><b>Honors Anatomy<br/>and Physiology</b> | AP Biology; Honors<br>Physics                           | AP Chemistry and/or<br><b>Genetics</b>                           |
| Science<br><i>Engineering Strand</i>                      | Biology I (H)                                   | Chemistry (H)<br>Physics (H)                                  | AP Physics (Calc),<br><b>Engineering I (H)</b>          | <b>Engineering II (H)</b>  |
| Science<br><i>Environmental<br/>Sustainability Strand</i> | Biology I (H)                                   | Chemistry; AP<br>Environmental<br>Science                     | Marine Science 1<br>Physics                             | Marine Science 2   |
| Required or<br>Recommended<br>Electives                   | Creative Design<br>Technology<br>World Language | World Language  |   |  |
| Additional  |   | Authentic Science<br>Research (3 yrs)                         | Community Action  | Internship   |

## Business & Finance Academy Sample Course Sequences

This is a suggested course sequence. Courses in **BOLD** are new courses not currently offered. This sequence is subject to change.

| Content Area                            | Grade 9   | Grade 10  | Grade 11   | Grade 12  |
|---|---|---|--|---|
| English/<br>Language Arts               | English 1 (H)   | English 2 (H)   | English 3 (H, AH)<br>or<br>AP Lang & Comp                                  | English(H)<br>Communications<br>or<br>World Lit or<br>AP Lang & Comp<br>Or AP Lit & Comp        |
| Social Studies                          | World Civilization (H)  | American Hist 1 (H,<br>AH)  | American Hist II (H)<br>and AP US Gov &<br>Politics<br>Or AP US History    | World Affairs   |
| Health/PE                               | Health/PE   | Drivers Ed/Health/PE  | Health/PE or Option II   | Health/PE or Option II  |
| Math                                    | Geometry*<br>*Can apply for waiver<br>to take Algebra I<br>concurrently                   | Algebra II<br>Intro to Computer<br>Programming(if<br>schedule allows)                             | PreCalculus or<br>AP Computer<br>Science (if pre-req<br>met)               | AP Statistics or<br>Statistics (H)  |
| Science                                 | Environmental Earth<br>Science (H)  | Biology (H)   | Chemistry (H)  | Physics (H) or AP<br>Environmental<br>Science   |
| <i>Business<br/>Strand</i>              | Marketing I<br>Marketing II<br>(½ year each)<br>Personal Finance<br>(Option II)           | Accounting I  | <b>Business<br/>Ethics/Logistics (H)<br/>(½ year each),<br/>Management</b> | <b>Entrepreneurism<br/>and Business<br/>Ownership</b><br>(includes Jr Summer<br>Internship)     |
| <i>Finance Strand</i>                   | Accounting I<br>Personal Finance  | <b>AP Micro/Macro-<br/>Economics; Finance<br/>I (H)</b>   | <b>Business<br/>Ethics/Investments<br/>(H) (½ year each)</b>               | <b>Banking &amp; Insurance<br/>and Stock Markets<br/>(H)</b> (includes Jr<br>Summer internship) |
| <i>Real<br/>Estate/Law<br/>Strand</i>   | Principles of Law<br>Personal Finance<br>(Option II)                                      | Accounting I,<br>Marketing I (½ year)   | <b>Business Ethics (H)<br/>(½ year)<br/>Management (H)</b>                 | <b>Real Estate<br/>Development and<br/>Management</b><br>(includes Jr Summer<br>Internship)     |
| Required or<br>Recommended<br>Electives | Creative Design and<br>Technology<br>World Language<br>Visual & Performing<br>Arts Course | Financial literacy,<br>Political and Legal<br>Education ; Principles<br>of Law;<br>World Language |  |   |



# ENGLISH LANGUAGE ARTS DEPARTMENT

## COURSE DESCRIPTIONS

The English Language Arts program is a progressive development and a “staircase” of increasing complexity. Students will be prepared for the demands of college and 21<sup>st</sup> century career-level reading and writing skills by the end of high school. In addition, students will develop comprehension and appreciation of literature and informational texts, develop effective and proficient academic oral and written expression, and acquire both vocabulary enrichment and language mastery. All courses are aligned to the Common Core State Standards and focus on the mastery of reading, writing, speaking, listening, viewing, and media literacy, and workplace readiness. All courses integrate state and standardized testing preparation for the PARCC and the SAT (in class and online), and the AP exams as part of the curriculum. Pupils are placed into the program based upon their individual needs and assessed academic ability. The course content is adjusted to the ability level in which the student is placed. A summer reading assignment and a research paper will be required in every grade and at every level.

For English I, II, III, and IV, the following applies:

**Honors:** Students in the English Honors classes should be willing and able to meet the challenging demands of this accelerated level. The student should be self-motivated and maintain a high level of academic interest and exceptional performance.

**College Prep:** This level course is designed to further the students' preparation for college. All areas and skills will be studied in depth and students are expected to successfully meet the course requirements.

**General Studies:** This level course affords students an opportunity to develop and/or improve their reading and writing skills. The course will also focus on the student's mastery of those skills needed to exhibit growth on the required State Assessments.

**English 1**  
**Honors (1101), College Prep (2102)**  
**Grade 9**

**5 Credits**  
**Prerequisite for Honors: B average for the year in Grade 8 English**

English I provides a foundation in reading, writing, and speaking skills for future high school English courses. Attention is given to functional grammar, oral and written composition, technological research, study skills, career development, acquisition of academic vocabulary through context, an introduction to the various genres in British and American literature and challenging non-fiction and informational texts. Literature instruction provides experience with drama, the novel, poetry, short stories and non-fiction. Supplemental reading selections vary with each class. Essays and projects, (the number to be determined by the teacher), a summer reading assignment, and a research paper are required. A concentration on close writing and proficient reading skills will be emphasized, along with speaking and listening skills. The computer lab, located in the Media Center, and Chromebooks in the classroom, will be used for various writing and research skills practice when applicable and available. PARCC, PSAT, and SAT preparation, (through in-class instruction/assessment and online), will also be part of this course.

**English 2**  
**Honors (1111), College Prep (2112), General Studies (3113)**  
**Grade 10**

**5 Credits**  
**Prerequisite: English 1**  
**Prerequisite for Honors: C Average for the year in English 1 Honors**  
**or B+ average in CP**

The entire course attempts to cover the areas of reading, writing, speaking, listening, and critical thinking, but stresses reading and composition skills. Grammar is taught functionally and emanates from the composition work, while the bulk of composition comes from the literature being taught. The study of British and American literature continues the introduction that began in grade nine and includes more challenging selections in the various genres including non-fiction and informational texts. Supplemental reading selections vary with each class. Essays and projects (the number to be determined by the individual teacher), a summer reading assignment and a research paper are required. Proficiency in writing and reading comprehension skills, including academic vocabulary acquisition through context, speaking and listening skills, and study skills, will be emphasized in those classes where student needs and ability levels so dictate. PARCC, PSAT, and SAT preparation (through in-class instruction/assessment and online), will also be part of this course. The computer lab, located in the Media Center, and Chromebooks in the classroom, will be used for various writing assignments and research skill practice when applicable and available.

**English 3**  
**Advanced Honors (1120)**  
**Grade 11**

**5 Credits**  
**Prerequisite: C in English 2 Honors**

This advanced program is open to above average, college-bound juniors who plan to enroll in the AP Literature and Composition and/or the AP Language and Composition course in Grade 12. This course will better prepare students for analytical reading, writing and discussion skills through higher-level material featured on the AP Literature and Composition exam: an assessment which they are expected to take in the spring of their senior year. Major course components include a strong American literature concentration, in both fiction and non-fiction, with possible additional selections from European and World Literature. Close reading will further develop college-level research and writing skills as found in college composition. A summer reading assignment, written literary analysis and a research paper are required. This course will also include specific instruction on preparing students for the PARCC assessment and SAT preparation in class and through the SAT online program.

**English 3**  
**Honors (1121), College Prep (2122), General Studies (3123)**  
**Grade 11**

**5 Credits**  
**Prerequisite: English 2**  
**Prerequisite for Honors: C Average for the year in English 2**  
**or B+ average in CP**

The purposes of English III are to survey American literature, read challenging informational text, and improve the student's skills in writing and reading comprehension. Emphasis is placed on critical thinking, reading analysis and appreciation, extensive free reading, composition, vocabulary enrichment and oral expression. Supplemental reading selections vary with each class. Essays and projects (the number to be determined by the individual teacher), a summer reading assignment and a research paper are required. PARCC, PSAT, and SAT preparation (through in-class instruction/assessment and online), will also be part of this course. The computer lab, located in the Media Center, and Chromebooks in the classroom, will be used to foster improved writing skills and facilitate PARCC, PSAT, and SAT preparation.

**English 3**  
**Modern American Literature, College Prep (2124)**  
**Grade 11**

**5 Credits**  
**Prerequisite: English 2 CP**  
**Fulfills English 3 Requirement**

This course is a college preparatory level program that fulfills the English III College Prep requirement. The course focuses on 20th Century American short stories, poetry, plays, novels, and non-fiction while additionally reinforcing writing and speaking skills, which students will need upon graduation from high school. A summer reading assignment, projects, and a research paper and book reports are required (the number to be determined by the teacher). The course will also include specific instruction on preparing students for the PARCC, PSAT and SAT preparation in class and through the SAT online program.

**English 4**  
**World Literature, Honors (1136)**  
**Grade 12**

**5 Credits**  
**Prerequisite: B in English 3 Honors**  
**Fulfills English 4 Requirement**

This Honors level course has been designed for students with above-average English skills and can be taken as an alternative to English IV Honors. World Literature concentrates on all of the communication skills in conjunction with the study of World Literature and challenging informational texts. In writing and in class discussion, the techniques of critical and analytical study of literature are applied. Essays and projects (the number to be determined by the teacher), as well as a summer reading assignment and a research paper are required. Supplemental reading selections vary with each class. Students electing to take this course must have a solid foundation in language arts skills.

**English 4**  
**Honors (1131), College Prep (2132), General Studies (3133)**  
**Grade 12**

**5 Credits**  
**Prerequisite: English 3**  
**Prerequisite for Honors: C Average for the year in English 3**  
**or B+ average in CP**

Senior English concentrates on all of the communication skills in conjunction with a survey of British literature and challenging informational texts. In writing and in class discussion, the techniques of critical and analytical study of literature are applied. Essays, projects or book reports (the number to be determined by the teacher) as well as a summer reading assignment and a research paper or project are required. Supplemental reading selections vary with each class. The computer lab, located in the Media Center, and Chromebooks in the classroom, will be used to assist in writing instruction, research papers, college writing and workplace readiness.

**English 4**  
**Communications, College Prep (2163)**  
**Grade 12**

**5 Credits**  
**Prerequisite: English 3 CP**  
**or**  
**Modern American Literature**  
**Fulfills English 4 Requirement**

This College Prep level course centers on a study of the major areas of media including television, radio, motion pictures, magazines, and newspapers. Vocabulary enrichment, writing, reading, projects, and class discussion play major roles in the course. A research paper or project is required. The course will also develop the special career interest of students.

## **ADVANCED PLACEMENT COURSES**

**Advanced Placement Language and Composition  
(1161)  
Grades 11, 12**

**5 Credits**  
**Prerequisite: For Grade 11: B+ in English 2 Honors**  
**For Grade 12: B+ in English 3 Honors or B+ in English 3 Advanced Honors**

The goals of this course are equivalent to an entry-level college class and therefore, the student should demonstrate superior ability and self-motivation. This course is also designed to prepare the student for the Advanced Placement Language and Composition Examination, which he/she is expected to take in the spring. Students are required to complete a summer assignment prior to entering this class in the fall. The students will study prose written in a variety of periods, disciplines, and rhetorical contexts and they will learn how to become skilled writers who compose for a variety of purposes. AP Language and Composition focuses on a variety of nonfiction prose that ranges in complexity and content from 15<sup>th</sup> century to 21<sup>st</sup> century writing. Students are introduced to American, British, and World authors who span the ages. While focus on this course is writing, the experience is gained in close reading, interpretation, and rhetorical analysis. For the eleventh grade student, these skills will aid him/her in preparing for the AP Literature and Composition class or for the English IV Honors class the following year. In addition, the Grade 12 student will adjust to the rigors of college level writing. Students may be able to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based upon the colleges' decision.

**Advanced Placement Literature and Composition  
(1130)  
Grade 11, 12**

**5 Credits**  
**Prerequisite: For Grade 11: A in English 2 Honors and Teacher Recommendation**  
**For Grade 12: B+ in English 3 Honors or B+ in English 3 Advanced Honors**

The goals of this course are equivalent to an entry-level college class and therefore, the student should demonstrate superior ability and self-motivation. This course is also designed to prepare the student for the Advanced Placement Literature and Composition Examination, which he/she is expected to take in spring. Students are required to complete a summer assignment prior to entering this class in the fall. The students will primarily study British literature and a sampling of American and World literature, and will engage in close reading, seminar style discussion and critical analysis of literary texts. In addition, the course will include frequent opportunities for writing literary interpretation as appropriate for an introductory college English course. Students may be able to receive college credit upon successful completion of the course and examination. The awarding of such credit is based upon the colleges' decision.

## **ELECTIVES**

**Creative Writing and Speech  
College Prep (2168)  
Grade 10, 11, 12**

**5 Credits**  
**Prerequisite: C in previous English course**

Creative Writing, part of a full-year elective course combined with Speech, provides a structural program in the techniques of creative expression. This course also affords extensive opportunities for using these techniques. Poetry, short story, essay, and sketch are among the forms taught. The course is of special value for those college-bound students who intend to major in English or Humanities and have demonstrated a successful application of the proficient basic composition skills. The computer lab, located in the Media Center, and Chromebooks in the classroom, will be used to refine writing skills. Speech, part of a full-year elective course combined with Creative Writing, provides the student with an opportunity to participate in a variety of speech activities such as debating, dramatic reading, impromptu and formal speaking, and parliamentary procedures. Emphasis in this section of the course is upon the development of poise, confidence, and creative expression.

**Theatre Arts**  
**College Prep (2138)**  
**Grades 10, 11, 12**  
**\*Grade 9 Academy Students**

**5 Credits**  
**Note: Fulfills Visual and Performing Arts Requirement**

The purpose of the course is to develop an appreciation of the art of theatre. The following units of study are included: theatre organization, play analysis, dramatic literature, history of the theatre, acting (pantomime, movement, voice, diction, oral interpretation, and evaluation of performance), technical production (set design and execution, lighting, costuming, make-up, properties, and sound effects), and some elementary directing. The course goals are directed at creating an educated audience and developing the special career interest of students. Students will be required to attend and review at least one live production during the course of the year. A performance oriented course, Theatre Arts requires student participation.

**Journalism 1**  
**College Prep (2134)**  
**Grades 10, 11, 12**

**5 Credits**  
**Prerequisite: C in previous English course**

The chief aims of this elective course are to train students in the skills required to publish school newspapers and provide students with a solid background in journalism theory. Students will be taught the definition and elements of news and will be trained to distinguish fact from opinion. Students will also analyze the role of public mass media in today's society. Students will be taught the process of gathering, writing and disseminating news, including the interview process, editing copy, writing headlines, and creating layout. In addition, students will practice writing straight news, feature and opinion pieces. Students will be introduced to career development in the field of Journalism.

**Journalism 2**  
**College Prep (2135)**  
**Grades 11, 12**

**5 Credits**  
**Prerequisite: Journalism 1**

Journalism II is an elective course in which students will utilize skills learned in Journalism I to produce the regularly published school newspaper. Students will apply for editorial and staff positions. Skills in planning, process, and production will be further developed. Students will use technology to assist in publication. Career development in the field of Journalism will be explored.

**Journalism 3**  
**College Prep (2140)**  
**Grade 12**

**5 Credits**  
**Prerequisite: Journalism 1 and 2, or prior approval by Journalism teacher**

Journalism III is a high-level elective that allows students, who have already worked on the school newspaper, to build upon leadership skills acquired in prior Journalism courses. Students will be responsible for overseeing the entire publication process: brainstorming story ideas, writing, editing, and distribution of the printed paper. The career interest of students will be developed.

**Humanities**  
**College Prep (2137)**  
**Grade 12**

**5 Credits**

Humanities is a full-year course open to seniors on an elective basis. This course attempts to broaden and deepen the cultural perspectives of students and to provide them with a more intense understanding of the interaction among art, literature, history, music, architecture, philosophy, drama and the human spirit. Students' critical and creative abilities will be emphasized in order to advance their talents in preparation for college, but more importantly, for life.

**Broadcast Journalism**  
**College Prep (2142)**  
**Grade 12**

**5 Credits**  
**Prerequisite: Television Production, Application, and 2-5 minute video highlighting your experience/knowledge**  
**Note: Students from HSN and/ HSS are bused to HSE for class**

Broadcast Journalism builds upon the skills developed in Television Production and provides students with the opportunity to develop advanced skills in the field of broadcast journalism. Concepts in this hands-on course are developed primarily through experience. Working in the TV STUDIO, students produce a daily news show for broadcast on our own cable access channel TV-21 and participate in all areas of production, both as talent and as technicians. In addition, students compose the production teams that participate in a variety of TV-21 programs covering sports, concerts, special events, entertainment programs and documentaries. The course will also develop the special career interest of students.

# MATHEMATICS DEPARTMENT

## COURSE DESCRIPTIONS

**Algebra 1  
Honors (1301), College Prep (2302)  
Grades 9, 10, 11, 12**

**5 Credits**  
**Prerequisite: For Algebra I Honors B+ in Grade 8 Math**

Algebra I is designed for the college preparatory student. In this course, the basic principles of algebraic reasoning are presented. Once the student has mastered the computational skills of algebra, we try to instill an appreciation of logical reasoning and analysis by presenting the students with a method for solving verbal problems by algebraic techniques and applying these techniques to problems of the real world. This course will also help prepare students for the PARCC Assessment.

**Geometry  
Honors (1311), College Prep (2312)  
Grades 9, 10, 11, 12**

**5 Credits**  
**Prerequisite: For Geometry Honors: C in Algebra 1 Honors or B+ in Algebra 1 CP**  
**or**  
**For Geometry College Prep: C Algebra 1 CP**

The main objectives of the course are to convey an understanding of the deductive reasoning process, to develop an ability to conduct deductive proof, and to obtain information about the geometric concepts of point, line, and plane in both two and three dimension. Three-dimensional ideas are developed as an integral part of the course. Elements of coordinate geometry and geometric aspects of trigonometry are also presented. In the College Prep course there is less of an emphasis on three-dimensional and proof than in the Honors course. Algebraic concepts will be reinforced as various solutions will require algebraic solutions. This course will also help prepare students for the PARCC Assessment.

**Geometry  
General Studies (3315)  
Grades 10, 11, 12**

**5 Credits**  
**Prerequisite: Algebra 1 CP**

This course is designed to convey an understanding of the deductive reasoning process and be exposed to proof format at all levels – formal and paragraph. The students will work with key concepts in geometry and will be expected to integrate their understanding of basic algebraic concepts to geometric relationships. This course will also help prepare students for PARCC Assessment in content area.

**Algebra 2  
Honors (1305)  
Grades 10, 11, 12**

**5 Credits**  
**Prerequisite: C in Geometry Honors and C in Algebra 1 Honors**  
**or**  
**B+ in Geometry CP and B+ Algebra I CP**

This course is designed for the above-average math student who has exhibited a marked proficiency in math during the first and second years. The course differs from Algebra II in that the concepts from Algebra are integrated with trigonometry and students work with the trigonometric functions. This course will help prepare students for the PARCC Assessment.

**Algebra 2**  
**College Prep (2306)**  
**Grades 11, 12**

**5 Credits**  
**Prerequisite: Algebra I CP and Geometry CP**  
**or**  
**B+ in Algebra I G and B+ in Geometry GS**

This course reviews some of the basic concepts from Algebra I with particular emphasis on linear and quadratic systems in one and two variables. Some practical applications to the physical science are stressed. This course is not to be taken concurrently with Geometry. This course will help prepare students for the PARCC Assessment.

**Algebra 2**  
**General Studies (3318)**  
**Grades 10, 11, 12**

**5 Credits**  
**Prerequisite: Algebra I G and Geometry G**

This course reviews basic principles and builds on a fundamental understanding of algebraic concepts from the Algebra 1 curriculum. Linear and quadratic systems in one and two variables will be explored. Factoring will also be included as an important skill. This course is not to be taken concurrently with Geometry. Students should not be allowed concurrent course taking in mathematics, unless it is needed (for a senior) to graduate. This course will help prepare students for the PARCC Assessment.

**Pre-Calculus**  
**Honors (1321)**  
**Grades 11, 12**

**5 Credits**  
**Prerequisite: B in Algebra II Honors**

Pre-Calculus is a course for the above-average math student who has shown a marked proficiency in the honors math curriculum during the first three years. The purpose of the course is to unify the mathematics covered in other courses and bridge the gap between algebra and calculus.

**Pre-Calculus**  
**College Prep (2322)**  
**Grades 11, 12**

**5 Credits**  
**Prerequisite: Algebra II Honors**  
**or**  
**C in Algebra II CP**

This college pre course is designed for the student who has completed Algebra II and desires a fourth year of college prep math. This course will unify and broaden previously covered topics as well as introduce exponential, logarithmic and trigonometric functions.

**Statistics**  
**Honors (1326)**  
**Grades 11, 12**

**5 Credits**  
**Prerequisite: B in Algebra II Honors**  
**or**  
**B in Pre-Calculus CP**

Statistics with Probability is designed for the student who has successfully completed Algebra II Honors and has decided not to continue in the direction of AP Calculus. This course will introduce the student to the methods used in applied statistics, both descriptive and inferential. The course will also make use of the concepts of probability. The student will gain insight into the preparation of statistical reports and will be better able to interpret the figures and meaning of statistics.

**Calculus**  
**Honors (1327)**  
**Grade 12**

**5 Credits**  
**Prerequisite: B in Pre-Calculus Honors**

Calculus is an honors course for students who have successfully completed Geometry Honors, Algebra II/Honors and Pre-Calculus Honors, who are competent in mathematics and interested in furthering their mathematical studies but not at the rigor of an Advanced Placement level course. This course will include algebraic and transcendental functions, limits, derivatives, integrals, applications and the fundamental theorem of calculus.

## ADVANCED PLACEMENT COURSES

**Advanced Placement Calculus  
(1320)  
Grade 12**

**5 Credits**  
**Prerequisite: B+ in Pre-Calculus Honors**

This course will include algebraic and transcendental functions, limits, derivatives, integrals, applications, and the fundamental theorem of the calculus. Students may be eligible to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based on the decision of the college.

**Advanced Placement Statistics  
(1328)  
Grades 11, 12**

**5 Credits**  
**\*\*Prerequisite: B+ in Algebra II Honors  
or  
B+ in Pre-Calculus Honors**

**\*\*Prerequisite grade based on whichever class the student is currently enrolled in**

This course will introduce the student to the methods used in applied statistics, both descriptive and inferential. The course will also make use of the concepts of probability. The student will gain insight into the preparation of statistical reports and will be better able to interpret the figures and meaning of statistics. Students may be eligible to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based on the decision of the college.

**Advanced Placement Computer Science (APCS-A)  
(1343)  
Grades 10, 11 & 12**

**5 Credits**  
**Prerequisite: B in Introduction to Computer Programming**

The major emphasis in AP Computer Science is on programming, methodology, algorithms, and data structures. Applications of computing provide the context in which these subjects are treated; applications are used to develop student awareness of the need for particular algorithms and data structures, as well as to provide topics for programming assignments to which students can apply their knowledge. Treatments of computer systems and the social implications of computing are integrated into the course and not isolated as separate units. All students admitted to the course are expected to take the Advanced Placement test. Students may be eligible to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based on the decision of the college.

**Introduction to Computer Programming  
Honors (1340)  
Grades 9, 10, 11, 12**

**5 Credits**  
**Prerequisite: C in Algebra I (Honors); Honors Geometry (may be concurrent)**

This course is designed for the entry level honors student to work with the concepts of beginning programming. Topics will include, but are not limited to; variables, input/output, control constructs strings, functions, recursion, arrays, matrices, algorithm development and logical thinking. C++ will be used. This course will serve as a mathematics elective.

# SCIENCE DEPARTMENT

## COURSE DESCRIPTIONS

**Environmental Earth Science**  
**Honors (1381), College Prep (2382)**  
**Grade 9**

**5 Credits**

Environmental Earth explores various aspects of the planet Earth such as The Universe in which we exist, the history of the Earth, properties of the Earth and its energy systems, Tectonics, Climate, Atmosphere, Weather, and Biogeochemical Cycles. Classroom investigations of collecting, cataloging, and interpreting data are performed from which conclusions are drawn.

**Biology**  
**Honors (1361), College Prep (2362), General Studies (3364)**  
**Grades 9, 10**

**5 Credits**

**Prerequisite: For Honors: C in Envir. Earth Science Honors  
or  
B+ in Grade 8 Algebra and Science**

**For College Prep: C in Envir. Earth Science CP**

Biology I is the scientific study of all living things. The unity, diversity, continuity, and interdependency of living things will be closely examined. Laboratory activities form an important portion of this course.

**Chemistry**  
**Honors (1371), College Prep (2372)**  
**Grades 10, 11, 12**

**5 Credits**

**Prerequisite: For Honors: C in both Bio H and Alg. 1 H  
or  
B+ in Bio CP and B+ in Alg. 1 CP**

**For College Prep: C in both Bio CP and Alg. CP  
or  
B+ in Bio G and B+ in Alg. 1 G**

This college-preparatory course is concerned with the study of matter, its transformation and the energy relationships invoked in these transformations. A sophisticated model of matter and its relation to energy will be developed. The course in Chemistry is designed to meet the needs of students planning to take advanced work in science, students needing a laboratory physical science for entrance into college and professional schools, and academic students desiring an understanding of the place of Chemistry in modern life. Laboratory activities and problem solving are emphasized.

**Physical Science**  
**College Prep (2384), General Studies (3393)**  
**Grades 11, 12**

**5 Credits**

**Prerequisite: Biology**

Physical Science is designed to provide students with a thorough and systematic understanding of the basic principles of physical science. The interdependence of Chemistry and Physics is explored with simple quantitative ideas in science being presented. Basic physical and chemical principles and applications of science are stressed. Class investigation stressing the collection and interpretation of data and the development of inquiry skills are an integral part of the course.

Note-Students who have successfully completed chemistry may not enroll in physical science without the approval of the science supervisor.

**Physics**  
**Honors (1375), College Prep (2376)**  
**Grade 11, 12**

**5 Credits**

**Prerequisite: For Honors: C in Chemistry Honors  
and  
Algebra 2 (may be taken concurrently)**

**For College Prep: C in Chemistry CP  
and  
Algebra 2 (may be taken concurrently)**

Physics is a college-preparatory course designed for students with an interest in understanding science. This course is the study of the interactions of matter and energy and the mathematical laws which govern their behavior. Laboratory activities and problem solving are emphasized.



**Biology 2  
Honors (1363)  
Grades 11, 12**

**5 Credits**  
**Prerequisite: C in Biology Honors and C in Chemistry Honors**  
**or**  
**B in Biology CP and B in Chemistry CP**

Biology 2 is a second-year biology course for students with an extended interest in science. The course stresses the unifying principles and concepts applicable to life at all levels of organization. The unifying themes of interaction of organisms and their environment, homeostasis and self-regulation, taxonomy, relationships among organisms, and the energy requirements for the maintenance of living systems are evolved throughout the program.

The development of science process thinking is emphasized during the laboratory studies of the course. Due to the laboratory program continuum, students may not elect both Biology 2 and AP Biology.

**Environmental Science  
College Prep (2380)  
Grades 11, 12**

**5 Credits**  
**Prerequisite: Biology**

The principles addressed in this course will include local as well as global topics in environmental science, marine ecology and oceanography. The course focuses on real-world investigations of a variety of environmental concepts and concerns. Technology and hands-on experiences will be utilized to facilitate student learning.

## **ADVANCED PLACEMENT COURSES**

**Advanced Placement Biology  
(1360)  
Grades 11, 12**

**5 Credits**

**Prerequisite: B+ in Biology Honors and Chemistry Honors**

Advanced Placement Biology is a course offered to juniors and seniors following mastery of first-year high school courses in Chemistry, Biology (and Environmental Earth Science, if elected). Physics, taken concurrently or prior to Advanced Placement Biology, is strongly recommended for the serious science student. The course is a rigorous continuation and intensification of the work begun in first-year Biology; the chemical molecular and cellular areas, the organismal areas, and the ecological, genetics and evolutionary areas of Biology will be stressed. Laboratory work, field trips and additional readings form a vital part of the program. Students electing the course are expected to take the Advanced Placement Test. The student may be able to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based on the decision of the college.

**Advanced Placement Chemistry  
(1370)  
Grades 11, 12**

**5 Credits**

**Prerequisite: B+ in Chemistry Honors and B+ in Algebra 2 Honors**

Advanced Placement Chemistry is a college preparatory course for students who have successfully completed Biology, Chemistry, and Physics, who are competent in mathematics, and who wish a college-level science course while attending high school. The course is a continuation and intensification of the work begun in first year Chemistry; physical principles of Chemistry will be the major area of study. Laboratory activities and problem solving are emphasized. Students taking this course are expected to take the Advanced Placement test. The student may be able to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based on the decision of the college.

**Advanced Placement Environmental Science  
(1378)  
Grades 10, 11, 12**

**5 Credits**

**Prerequisite: B+ in Biology Honors  
Chemistry (May be taken concurrently)**

Advanced Placement Environmental Science is offered to students who have met the prerequisite, who are competent in mathematics, and who have an interest in environmental science. It is a college-level science class with a strong lab and field component. Students taking this course are expected to take the Advanced Placement test. The student may be able to receive college credit upon completion of the course. The awarding of such credit is based on the decision of the college.

**Advanced Placement Physics  
(1374)  
Grade 12**

**5 Credits**

**Prerequisite: B+ in Chemistry Honors and Physics Honors**

Advanced Placement Physics is a course offered to seniors who have successfully completed Biology, Chemistry, and first-year Physics and who are competent in mathematics. The course is a college-level science class. It is a continuation and intensification of the work begun in first-year physics. Laboratory work and mathematical applications are emphasized. Students taking this course are expected to take the Advanced Placement test. The student may be able to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based on the decision of the college.

## POSEIDON ACADEMY COURSES (FOR STUDENTS CURRENTLY PARTICIAPTING IN PROGRAM)

**Marine Science 1  
Honors (1390)  
Grades 11, 12**

**10 Credits**  
**Prerequisite: C in Chemistry Honors or B in Chemistry CP  
(Chemistry may be taken concurrently with permission)**

Students will become scientifically literate, technologically advanced and environmentally aware citizens through this course. Marine Science I will emphasize physical, geological and chemical oceanography as well as the study of tides and coastline factors. Through the integration of technology and an extensive hands-on, field and lab-based research projects, students in the Marine Science 1 course will be empowered to pursue further academic study and research in the sciences.

**Marine Science 2  
Honors (1391)  
Grades 11, 12**

**15 Credits**  
**Prerequisite: B in Marine Science 1 or by permission**

Marine Science 2 will continue where Marine Science 1 left off. This course will emphasize the living marine environment with a focus on estuaries and marine organisms. Dissection and systems analysis will be included as well as visitation of marine systems and interaction with living species. Students in Marine Science 2 will be well prepared for post-secondary studies and research in the sciences.

## ELECTIVES – FULL YEAR

**Authentic Science Research  
Honors (1377)  
Grades 10, 11, 12**

**5 Credits**  
**Prerequisite: Application**

Authentic Science Research (ASR) is a three-year elective science course that affords students the ability to engage in original research. This course will present each essential component of the research paper. Students enrolled in ASR choose individual research topics which may lead to partnerships with scientists in university, research, or industry, and/or a junior summer internship. ASR culminates each year with a science symposium where students present their work to school and community members.

## ELECTIVES – HALF YEAR

**Biochemistry of Nutrition  
College Prep (2351)  
Grades 10, 11, 12**

**2.5 Credits**  
**Prerequisite: Biology**

This course covers studies in human nutrition and health. Topics include digestion and absorption of nutrients, carbohydrate, fat, protein, vitamin, and mineral requirements, additives, food fads, diets, and world hunger. This course provides the foundation for therapeutic nutrition. It explores the bio-chemistry of the macronutrients as well as the known vitamins and minerals in detail. Toxicities, deficiencies, therapeutic uses and appropriate doses are examined. Dietary requirements for micro and macro nutrients are covered.

**Anatomy and Physiology  
College Prep (2352)  
Grades 10, 11, 12**

**2.5 Credits**  
**Prerequisite: Biology**

This course covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Introduces common human disease processes as they relate to each system.

# SOCIAL STUDIES DEPARTMENT

## COURSE DESCRIPTIONS

**World Civilization  
Honors (1201), College Prep (2202)  
Grade 9**

**5 Credits**

In order to fulfill the high school graduation requirement, students must elect World Civilization. World Civilization is a survey course which traces the growth of civilization with a focus on the period of history from the Renaissance to the beginnings of the 21<sup>st</sup> century. One of the course's major concerns is to encourage students to develop an appreciation for the contributions and accomplishments of various peoples of the world to the development of civilization. This course is recommended for college-bound students.

**American History 1  
Advanced Honors (1220)  
Grade 10**

**5 Credits**  
**Prerequisite: B in World Civilization Honors and B in English 1 Honors**

American History I is a survey course covering the Colonial Period to 1900. Major emphasis will be placed on the development of government, as well as, the cultural, economic, and social factors which have influenced the growth of our country. Students are expected to become proficient in research techniques, analyzing primary sources, and developing evaluating skills. Their knowledge should be expressed in good English. Students who take this course are preparing to take Advance Placement History the following year.

**American History 1  
Honors (1221), College Prep (2222), General Studies (3223)  
Grade 10**

**5 Credits**

American History I is a survey course covering the Colonial Period to 1900. Major emphasis will be placed on the development of government, as well as the cultural, economic, and social factors which have influenced the growth of our country.

**American History 2  
Honors (1231), College Prep (2232), General Studies (3233)  
Grade 11**

**5 Credits**

American History II includes the study of American History from 1900 to the present, the study of the American economy and current economic issues, and the study of government and current political issues.

## ADVANCED PLACEMENT CLASSES

**Advanced Placement United States History  
(1230)  
Grade 11**

**5 Credits**  
**Prerequisite: Successful completion of Am. History 1 Adv. Honors  
or  
an A in American History 1 Honors**

Advanced Placement American History is the second year of a two-year program of the social, political and economical aspects of American civilization. The students are expected to become proficient in research techniques, analyzing primary sources, and developing evaluating skills. Their knowledge should be expressed in good English. Students taking this course are expected to take the Advanced Placement Test. The student may be able to receive college credit upon completion of the course. The awarding of such credit is based on the decision of the college.

**Advanced Placement United States Government and Politics  
(1251)  
Grades 11, 12**

**5 Credits**  
**Prerequisite: B in English 2 or English 3  
and  
a B in American History 1 and American History 2**

Advanced Placement U.S. Government and Politics is a one year program with an analytical perspective on government and politics in the United States. This course will be used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students taking this course are expected to take the Advanced Placement Test. The student may be able to receive college credit upon successful completion of the course and the examination. The awarding of such credit is based on the decision of the college. This course does not fulfill the state requirement for American History II.

## ELECTIVES

**World Affairs  
Honors (1241)  
Grades 11, 12**

**5 Credits**

This is a course open to juniors and seniors who have a strong interest in world affairs and who have shown, through past performance in social studies and in English, the ability to read with comprehension and to interpret and analyze material. Those enrolled in World Affairs must be willing to assume the responsibility of independent study. The examination of the historical background to current events is an essential part of the course. Topics that are emphasized include among others: the evolution of democratic thought, the regional cultural patterns and American foreign policy in relation to world powers as well as smaller, impact nations.

**Twentieth Century World History  
Honors (1211), College Prep (2212)  
Grades 11, 12**

**5 Credits**  
**Prerequisite: C in World Civilization**

This is an elective course open to juniors and seniors. It is designed to study the significant events of the Twentieth Century. Students will be given the opportunity to explore the political, social and economic forces shaping events such as the Great War, the Depression, World War II, the Cold War, and the emergence of Third World nations. Contemporary problems in the Middle East, Africa, Asia and Latin America will be studied.

**Human Growth and Socialization  
College Prep (2242)  
Grades 11, 12**

**5 Credits**

This course is an elective open to juniors and seniors. The students will examine the significant factors which serve to develop and influence personality structure. There is a great deal of emphasis on the psychological and sociological dynamics involved in the development of the personality. The social sciences studied share a common concern with the development of a person. This course is designed with all students in mind. Everyone either college bound or vocationally oriented will benefit from it. You will discover more about yourself and your role in society.

**Political and Legal Education  
Honors (1245)  
Grade 12**

**5 Credits  
Prerequisite: Application**

Political and Legal Education is an elective course designed to provide students with real world experiences in government and law. The program stresses both the acquisition of knowledge and the active participation of students at all levels of government. Students are expected to complete a political internship, participate in Model Congress, debate topics including legislation using Parliamentary Procedure, and compete in a Mock Trial.

Requirements include: out of class meetings, field trips, independent study, public speaking and debate.

**Community Action  
College Prep (2246) Early Dismissal Program  
Grade 12**

**10 Credits  
Prerequisite: Application**

Community-Action offers an opportunity for students to learn and grow beyond the experiences normally available in the classroom setting. This course will be open to students anxious to provide a service to the community on a volunteer basis. Participants in the 10 credit program will be scheduled to attend a Community-Action internship three times a week and will be given release time from school to complete this community internship.

**Community Action  
College Prep (2247) In-School Program  
Grade 12**

**5 Credits  
Prerequisite: Application**

Participants in the 5 credit program will be scheduled a position during one of their periods at their assigned school. Students will be under the direction and supervision of their school and their Community-Action teacher. In addition, students will develop skills that will enhance their pathways into the world of career development.

# WORLD LANGUAGE DEPARTMENT

## COURSE DESCRIPTIONS

The World Language Department offers a five-year program in the study of Spanish. French V and German V are available only to transfer students who have successfully completed level IV prior to entry. Levels IV and V may be combined depending on class enrollments. The program emphasizes communication, and the practices, perspectives and products of other cultures.

Quarterly exams that include oral presentations and interpretive readings are required at ALL levels to demonstrate developing communicative proficiency. The addition of interpersonal communication and an essay are options that may be included as well.

**French 1** **5 Credits**  
**Honors (1411) College Prep (2412)**  
**Grades 9, 10, 11, 12**

**German 1**  
**Honors (1471) College Prep (2472)**  
**Grades 9, 10, 11, 12**

**Spanish 1**  
**Honors (1441) College Prep (2442)**  
**Grades 9, 10, 11, 12**

In this introductory level of a world language the student will develop listening, speaking, reading and writing skills that will foster real-life communication. The culture of the specified language is embedded within the course materials. This course is part of the foundation for further study in the language and fulfills the high school graduation requirement.

**French 2** **5 Credits**  
**Honors (1421) College Prep (2422)** **Prerequisite: Level 1**  
**Grades 10, 11, 12**

**German 2**  
**Honors (1481) College Prep (2482)**  
**Grades 10, 11, 12**

**Spanish 2**  
**Honors (1451), College Prep (2452)**  
**Grades 9, 10, 11, 12**

**For Grade 9: Spanish 2 is available only to those students who successfully complete the Summer Enrichment Program.**

In order to succeed at the second level, students should have a strong background from their level one experience. The second level language courses are a continuation of the foundation for further study of the language. The focus of this class is on communication. Completion of these introductory courses should prepare the students for additional study and travel.

**French 3** **5 Credits**  
**Honors (1425)** **Prerequisite for French 3: C in Level 2 Honors, B in Level 2 CP**  
**Grades 11, 12**

**German 3** **Prerequisite for German 3: C in Level 2 Honors, B in Level 2 CP**  
**Honors (1490)**  
**Grades 11, 12**

**Spanish 3** **Prerequisite for Spanish 3 H: C in Level II Honors, B in Level 2 CP**  
**Honors (1461)**  
**Grades 10, 11, 12**

**Spanish 3  
College Prep (2462)  
Grades 11, 12**

**Prerequisite for Spanish 3 CP: C in Level 2 CP**

The Level 3 course is the beginning of the intermediate level of language learning. The foundation of proficiency, developed in Levels 1 and 2, is expanded to more complex idioms, conversation, reading selections and writing. Grammar will be taught as it supports communication. Cultural topics are presented in an authentic framework. Audio and video materials supplement the curriculum to give the students a realistic view of the world of the language being studied. This is an important course for refining the four skills of listening, speaking, reading and writing through the modes of communication and in preparation for more advanced study in the language.

**French 4  
Honors (1430)  
Grade 12**

**5 Credits  
Prerequisite for French 4: C in Level 3 Honors**

**German 4  
Honors (1495)  
Grades 12**

**Prerequisite for German 4: C in Level 3 Honors**

**Spanish 4  
Honors (1465)  
Grades 11, 12**

**Prerequisite for Spanish 4: C in Level 3  
or  
C in Heritage Spanish 2**

At this level the student should be able to function in the language in a spontaneous manner. Everyday topics about home, school and life in general are discussed in the language. A generalized history of the target culture is studied. This includes political occurrences, art, music, philosophy and science. Students are expected to be able to develop monologues, dialogues and critiques about materials they have studied.

**Spanish 5  
Honors (1467)  
Grade 12**

**5 Credits  
Prerequisite: C in Level 4**

The classes at this level are usually small. This is the extra year of language for those who began their studies in the accelerated 8th grade program. The expectation at this level of learning is that the student can function comfortably in everyday situations and specific academic modes in the language being studied. Literature and other authentic materials are examined. Students are expected to compose language projects by speaking and writing at a more advanced level. The small group nature of these classes gives a very intense and personalized language experience to those who participate. Depending on enrollment, this class may easily be combined with Spanish 4, since the curriculum is one that alternates topics every year in an A/B format. However, more sophisticated and developed language skills will be expected in a combined class because of their prior Spanish 4 experience.

**Heritage Spanish 1  
Honors (1469), College Prep (2466)  
Grades 9, 10, 11, 12**

**5 Credits  
Prerequisite: Students should be able to sustain a conversation in Spanish  
and  
be able to write a short paragraph in Spanish**

**Heritage Spanish 2  
Honors (1470), College Prep (2468)  
Grades 10, 11, 12**

This course is for students who are native or heritage speakers of the language whose first language is Spanish or who hear or may use Spanish at home. The course prepares the students to communicate proficiently both in verbal and written forms. The coursework focuses on the cultural contributions of different Spanish-speaking countries. Music, art, literature, and history of the different regions will be explored. This course is a two-year sequence; students who opt to take the course for two years may not skip a year and return to the sequence. Upon successful completion of this two-year sequence, students may continue their studies in Spanish IV, with teacher recommendation. In some cases, the teacher may recommend entry into Spanish 3 at the end of the 2<sup>nd</sup> year.



# HEALTH AND PHYSICAL EDUCATION DEPARTMENT

## COURSE DESCRIPTIONS

### **Comprehensive Health and Physical Education**

**Health/PE 1 (2771), Health/PE 2 (2772), Health PE 3 (2773), Health/PE 4 (2774)**

**Grades 9, 10, 11, 12**

**5 Credits**

The course meets five periods each week for three marking periods. The goal is to develop self-satisfaction through achievement and an attitude of life-time wellness. The student will experience a large variety of movement experiences in individual and team activities. Personal fitness concepts are taught and put into practice. Grading is determined by the student's achievement of course proficiencies.

### **Health Education**

**(See above course numbers)**

**Grades 9,10,11,12**

Each grade level has its own health education curriculum, which is implemented during one marking period of each year. The primary goal is for students to recognize the need for wellness over a lifetime. Areas studied include the structure and function of several body systems, career exploration of health fields, mental health, first aid, substance abuse, AIDS, character education, and many topics in the family life and sex education realm. There is an emphasis on the development of critical thinking and writing proficiency through class discussions and activities.

### **Driver Education**

**(2777)**

**Grade 10**

All sophomores are scheduled for the classroom course in driver education for one marking period. The goal of the course is for the students to acquire the knowledge necessary to make responsible driving decisions. It seeks to develop a safe driver's attitude by studying driver fitness, emotions and attitudes, substance abuse, traffic laws made by nature and human beings, and the purchase of insurance.

### **Physical Education Option 2**

**PE 3 (2790) For Juniors**

**PE 4 (2793) For second time seniors**

**3.75 Credits**

**Prerequisite: Application**

This option permits a student to earn credits in a more personalized and independent manner. Option II offers alternative paths to credits that meet or exceed the Core Curriculum Content Standards and are based on student interest or career goals (N.J.A.C.6A:8-5.1(a)1ii) . Examples include distance or online learning, world language through demonstration of proficiency, or successful completion of an accredited college course. Option II requires application and pre-approval from the principal, in addition to Board of Education approval, to ensure that student achievement meets or exceeds the standards. Before credit will be awarded student must pass appropriate assessments, and other measures of progress. Contact your Guidance Counselor for details.

**VISUAL AND PERFORMING ARTS  
AND  
21ST CENTURY LIFE AND CAREERS,  
CAREER-TECHNICAL EDUCATION CHART**

| The courses listed below meet the Visual and Performing Arts Requirements | The courses listed below meet the 21 <sup>st</sup> Century Life and Careers, Career-Technical Education Requirements |
|---|--|
| <b>Full Year Courses</b>  | <b>Full Year Courses</b>   |
| Introduction to Artists' Studio   | Accounting   |
| Artists' Studio   | Advanced Computer Graphics   |
| Advanced Artists' Studio  | Architectural Design Technology  |
| Advanced Placement Studio Art   | Broadcast Journalism   |
| Art History   | Community Action Program (C.A.P.) – 10 Credit  |
| Senior Portfolio  | Cooperative Education – 15 Credits   |
|   | Creative Design Technology   |
| Band 1  | Engineering Design Technology  |
| Band 2  | Interior and Fashion Design Technology   |
| Band 3  | Introduction to Computer Graphics  |
| Band 4  | Journalism 1   |
|   | Journalism 2   |
| Chorale   | Journalism 3   |
| Concert Choir   | Marketing 1  |
| Masters Choir   | Marketing 2  |
|   | Principles of Law  |
| Orchestra 1   | Television Production  |
| Orchestra 2   |  |
| Orchestra 3   | <b>Half-Year Courses</b>   |
| Orchestra 4   |  |
|   | Career Exploration   |
| Music Theory 1  | Multimedia   |
| Music Theory 2  | Web Page Design  |
|   |  |
| Theatre Arts  |  |
|   | <b>3<sup>rd</sup> Year Students in Visual and Performing Arts</b>  |
| <b>Half-Year Courses</b>  |  |
|   | Advanced Artists' Studio   |
| Exploring Art and Artists   |  |
| Multicultural Art   | Band 3   |
|   | Concert Choir  |
| Exploring Music   | Masters Choir  |
| History of Rock and Roll  | Orchestra 3  |
| Music in Film   |  |
| Music of Broadway   |  |

Note: 5 Credits are required in Visual and Performing Arts AND 21<sup>st</sup> Century Life and Careers Education.  
All full-year courses are 5 credits, except where noted. All half-year courses are 2.5 credits.

# VISUAL AND PERFORMING ARTS DEPARTMENT

## COURSE DESCRIPTIONS

### ART ELECTIVES – FULL YEAR

#### **Introduction to Artists' Studio**

**(2701)**

**Grades 9, 10, 11, 12**

**5 Credits**

This yearlong course is designed as an introduction for students who may be interested in continuing their study of fine arts throughout high school. Students will explore essential concepts and skills that allow them to express themselves in an effective manner while using a variety of materials and media to create two and three-dimensional art forms. At the completion of this course, students will have been introduced to the higher levels of knowledge, skills and aesthetic awareness required for two and three-dimensional artistic expression and be prepared to elect additional yearlong studio courses following the sequence outlined in this guide.

#### **Artists' Studio**

**(2702)**

**Grades 10, 11, 12**

**5 Credits**

**Prerequisite: Successful completion of Introduction to Artists' Studio**

This year long course extends and reinforces the knowledge, skills and aesthetic awareness gained from participation in the year long course Introduction to Artists Studio. It is taught in a studio atmosphere with emphasis on visual perception and active investigation of ideas, issues, feelings, aesthetics and aspects of human experience through manipulation of a variety of art media. The course is broadly based on the elements and principles of art, their use in our environment and their historical significance. Experiences provide students with opportunities to explore possibilities for expression and experiment with different approaches to communication of feeling and meaning beyond verbal expression.

#### **Art History**

**(2705)**

**Grades 10, 11, 12**

**5 Credits**

Students will develop an understanding of world history by examining the major forms of artistic expression from prehistory to contemporary times. Within the context of history, geography, politics, religion and culture, they will study the development of civilization as it is reflected in art created during defined periods of time. Students will also acquire knowledge of the principal artists and architects of these periods.

#### **Advanced Artists' Studio**

**(2703)**

**Grades 11, 12**

**5 Credits**

**Prerequisite: Artists' Studio**

This comprehensive studio course will build upon the skills learned in Artists' Studio. Through two and three-dimensional projects, students will cultivate individual styles, become familiar with art schools and careers, and develop the work habits of the professional artist. Students select additions for portfolios based on technical quality, personal style, intended purpose, and evidence of growth over time.

#### **Senior Portfolio**

**(2704)**

**Grade 12**

**5 Credits**

**Prerequisite: Advanced Artists' Studio**

This course will be a culminating art experience for the self-motivated student. Students engage in advanced study of art production, art history, aesthetics, and art criticism, while maintaining the attitude and self-discipline of a working artist. They exhibit technical proficiency and personal style while working in advanced media. An exit portfolio giving evidence of quality, concentration, and breadth of work produced throughout the high school program is required.

## **ADVANCED PLACEMENT CLASS**

**Advanced Placement Studio Art  
(1731)  
Grade 12**

**5 Credits**  
**Prerequisite: Two years HS Art Instruction, Portfolio and  
recommendation by H.S. Art Instructor**

This intensive one-year course is designed for highly motivated, advanced art students who have demonstrated a serious interest in the study of art throughout high school. Ideally suited for students who work well independently, the course provides a practical experience in art equivalent to that of an introductory college course in studio art. Students will focus on the preparation of a portfolio of artworks that exhibit quality, concentration in an area of visual interest or problem solving, and breadth of experience in the formal, technical, and expressive means of an artist. Digital portfolios will be submitted in May to the College Board for evaluation.

## **MUSIC ELECTIVES – FULL YEAR**

**Music Theory 1  
(2711)  
Grades 10, 11, 12**

**5 Credits**

The course is designed to meet the needs of the students who have an interest in music as a vocation or avocation. Theory, four-part writing, musical form, scales, basic chords, rhythmic notation, simple composition and elementary orchestrations are taught simultaneously. Upon completion of the course the students will have in their grasp the basic essentials for a career in music.

**Music Theory 2  
(2712)  
Grades 11, 12**

**5 Credits**  
**Prerequisite: Successful completion of Music Theory 1**

This course is a continuation and more in-depth study of concepts presented in Music Theory I. Additional topics include ear training, elementary harmony and keyboard harmony. This course is designed for students pursuing a college major or vocational career in music.

**Chorale  
(2715)  
Grades 9, 10, 11, 12**

**5 Credits**

**Concert Choir  
(2716)  
Grades 9, 10, 11, 12**

**Master Choir  
(2717)  
Grades 9, 10, 11, 12**

**Prerequisite for Master Choir: Audition**

The choral program is designed to encourage and develop all forms of musical ability. Students are introduced to vocal production and proper singing techniques and given the opportunity to further languages. A second year student is eligible for a selective chorus through an audition that demonstrates mastery of the first year curriculum of basic musicianship skills and attaining an advanced level of vocal development. Junior students who are considering music as a college major or vocation will explore various opportunities for study and employment in the fields of music. Vocal Music offerings are based on musical ability, interest, and auditions. Choral students must be available to participate in concerts as required by the instructor.

**Band 1  
(2720)  
Grades 9, 10, 11, 12**

**Band 3  
(2722)  
Grades 11, 12**

**5 Credits**  
**Prerequisite: Fundamental Audition**

**Band 2  
(2721)  
Grades 10, 11, 12**

**Band 4  
(2723)  
Grade 12**

This program provides for the varying abilities of students through music which is appropriate for their level and graded in difficulty. Students electing Band must possess sufficient skills to pass a fundamental audition. Band students have the opportunity to develop leadership and cooperative skills necessary to the smooth operation of an organization. Junior students who are considering music as a college major or vocation will explore various opportunities for study and employment in the various fields of music. One of the primary services of bands is service to the school and community in the field of public relations. All band members must be available to march in parades and participate in concerts.

**Orchestra 1  
(2725)  
Grades 9, 10, 11, 12**

**Orchestra 3  
(2728)  
Grades 11, 12**

**5 Credits  
Prerequisite: Play a stringed instrument**

**Orchestra 2  
(2726)  
Grades 10, 11, 12**

**Orchestra 4  
(2729)  
Grade 12**

The primary function of the orchestra program is to teach students the art of playing one of the four stringed instruments: violin, viola, cello and bass. Wind and percussion students must audition for orchestra. In addition to learning technical facility, the students are given an opportunity to "get in touch" with their musical heritage through performance of classical literature. Junior students who are considering music as a college major or vocation will explore various opportunities for study and employment in the fields of music. All orchestra members must be available to participate in concerts as required by the instructor and are encouraged to further their musical studies and to participate in local and regional orchestras.

### **FINE ART ELECTIVE – FULL YEAR**

**Theatre Arts  
College Prep (2138)  
Grades 10, 11, 12  
Grade 9 \* Academy Students**

**5 Credits  
May also be used as an English Elective**

The purpose of the course is to develop an appreciation of the art of the theatre. The following units of study are included: theatre organization, play analysis, dramatic literature, history of the theatre, acting (pantomime, movement, voice, diction, oral interpretation, and evaluation of performance), technical production (set design and execution, lighting, costuming, make-up, properties, and sound effects), and some elementary directing. The course goals are directed at creating an educated audience and developing the special career interest of students. A performance oriented course, Theatre Arts requires frequent student participation.

## **ART AND MUSIC ELECTIVES – HALF YEAR**

### **Exploring Art and Artists**

**(2735)**

**Grades 9, 10, 11, 12**

**2.5 Credits**

Students in this semester long course will explore many different artists through hands-on activities as well as lectures and demonstrations. Students will utilize a variety of different materials as they participate in a series of art experiences based on the styles and techniques of renowned artists. Emphasis will be placed on the importance of style and technique as used to express ideas, as well as the artist's place in history. Students will find this introduction to famous artists a valuable asset should they elect to further explore the creative process in the year long course offering Introduction to Artists Studio.

### **Multicultural Art**

**(2736)**

**Grades 9, 10, 11, 12**

**2.5 Credits**

Students in this semester-long course will be introduced to art from various cultures throughout the world in the pursuit of cultural understanding. Studies will include the customs, artifacts, and techniques of art-making from world cultures past and present, and their relation to our culture today. Emphasis will be placed on history, art critique skills, the appreciation of beauty, and the active pursuit of cultural understanding through hands-on experiences. Students will find this introduction to the art of many cultures a valuable asset should they elect to further explore the creative process in the year long course offering Introduction to Artists Studio.

### **Music in Film**

**(2745)**

**Grades 9, 10, 11, 12**

**2.5 Credits**

This semester long course is designed to introduce students to music used in motion pictures. Students will gain an appreciation for composers and different types of music written for film including sound effects, narrative music which tells a story, background music used to enhance the mood of a scene, and songs found in film. In addition to studying the film music process and history, students will be listening to film scores and viewing excerpts from motion pictures.

### **Music of Broadway**

**(2746)**

**Grades 9, 10, 11, 12**

**2.5 Credits**

This semester long course is open to all students regardless of experience. Students will explore the evolution of the Broadway musical from vaudeville to contemporary musical theater by listening to soundtracks and viewing video excerpts from shows past and present.

### **Exploring Music**

**(2747)**

**Grades 9, 10, 11, 12**

**2.5 Credits**

So, you say you love music...but how much do you really know about it? Have you ever looked at a piece of music and wondered what those symbols and squiggles mean? This semester long course explores many different aspects of music in a way that all students can understand. Topics include seeing and hearing many different instruments, reading sheet music, basics of writing music, different forms and styles of music, available careers, and an overview of music history. The course provides students ample opportunities to listen to music for a real "ears-on" experience.

### **History of Rock and Roll**

**(2748)**

**Grades 9, 10, 11, 12**

**2.5 Credits**

Rock and Roll: A History and Appreciation is a semester long course that focuses on the link between rock and roll music and American History. Students will examine the evolution of rock and roll from its beginnings in the 1950's and explore how it reflects the political and/or social values of a time period. The course offers opportunities for student appreciation of the various music genres through listening, analyzing, and evaluating the artists that best represent the eras or styles of music. Areas of emphasis include, but are not limited to: rockabilly roots, teen idols, surf, Motown, British invasion, protest songs, psychedelic rock, heavy metal, and grunge.

# 21ST CENTURY LIFE AND CAREERS, CAREER-TECHNICAL EDUCATION DEPARTMENT

## COURSE DESCRIPTIONS

### ELECTIVES – FULL YEAR

**Accounting 1  
(2501)  
Grades 9, 10, 11, 12**

**5 Credits**

The purpose of this course is to prepare students for initial jobs in the area of accounting, to learn how to keep records of small businesses or professional offices, and to provide an understanding of business operations essential to the accounting process.

**Engineering and Design Technology  
(2664)  
Grades 9,10,11,12**

**5 Credits**

Technology is the application of knowledge to satisfy human needs and wants, and to extend human capabilities. In this course students are introduced to a wide range of technologies, including: robotics; plastics and composite technology; industrial technology; electricity and electronics; energy power, and transportation technology; computer-aided drafting and design (CAD); architectural structures; tools and machines; computer numerical control (CNC); hydraulics and pneumatics; and mechanisms. Students employ the same problem-solving processes used in industry and other technological endeavors to produce product, develop and maintain systems, pioneer new techniques, and perform complex tasks.

**Interior and Fashion Design Technology  
(2631)  
Grades 9, 10, 11, 12**

**5 Credits**

The primary goal of this course is to introduce students to the latest technologies on designing home interiors and fashion. Topics include home and clothing identity, elements & principles of design and fundamentals of interior and fashion design. Using computer assisted design (CAD) software students will participate in interior & fashion design activities. Students will create portfolio's that can assist them in furthering their education plans for careers in the Interior and Fashion Industries.

**Marketing 1  
(2531)  
Grades 9, 10, 11, 12**

**5 Credits**

The main objective of this course is to increase student awareness of career opportunities in the field of selling and marketing occupations. Course content includes basic marketing concepts, marketing careers, marketing trends, and computer technology in marketing occupations. Students are also introduced to the operation of the school store and are required to fulfill a responsibility related to the store operation where applicable. Students will use the Internet to obtain an understanding of its impact upon marketing and business activities.

**Marketing 2  
(2532)  
Grades 10, 11, 12**

**5 Credits  
Prerequisite: Marketing 1**

This course prepares students with the skills required for marketing and selling occupations. Course content includes computer applications related to the marketing process, career opportunities, marketing practices, marketing math, the job application process, and interviewing. In addition, specific skills related to selling, advertising, displaying merchandise, and computerized cash register operation are emphasized. Participation in activities and responsibilities related to school store operations are strongly encouraged where applicable. Students will use the Internet to obtain an understanding of its impact upon marketing and business activities.

**Principles of Law  
(2545)  
Grades 9, 10, 11, 12**

**5 Credits**

This course introduces students both to the general principles of law and to those aspects of legal regulations of special importance to the business community.

**Introduction to Computer Graphics and Design  
(2635)  
Grades 9, 10, 11, 12**

**5 Credits**

The purpose of this course is to prepare students with the fundamentals of design through hands-on experiences with sketching and various computer aided design programs. This course builds on traditional design/drafting concepts with an emphasis placed on computer use for individual problem-solving and design projects. Areas of instruction include freehand sketching, computer-aided drafting (CAD) two dimensional and three dimensional drawing, parametric design, geometric solids, shading, rendering, architecture, interior design and package design.

**Advanced Computer Graphics and Design  
(2636)  
Grades 10, 11, 12**

**5 Credits**  
**Prerequisite: Introduction to Computer Graphics**

This course reinforces the skills developed in introduction to Computer Graphics and Design and provides for intensive skill development in computer-aided drafting and design (CAD). Students will complete activity projects and develop proficiency in areas which include the following: architecture, mechanical engineering, civil engineering, graphic design/computer-assisted manufacturing (CAD/CAM), Naval architecture, aeronautical design, presentation graphics, topography, cartography, facilities management, model construction, animation, package design, and advertising.

**Architectural Design Technology  
(2637)  
Grades 10, 11, 12**

**5 Credits**

The goal of this course is for students to acquire proficiency needed to assemble, analyze, develop and communicate concepts associated with the engineering field. This includes Civil, Mechanical, Architecture and Electrical engineering. Students will develop skills in the areas of technical plans, renderings, materials, building techniques, environmental factors and regulatory factors. Students will develop concept sketches, plans and 3D renderings of their designs.

**Creative Design Technology  
(2638)  
Grades 10, 11, 12**

**5 Credits**

Creative Design Studio focuses on product design, architecture and engineering. The course provides opportunities to build new products including concept model design, sketches, renderings and animation of machinery. The product design component provides opportunities to design functional products as well as the equipment and tools necessary to produce the products. The engineering and architecture component integrates the problem solving process with skill development for future careers. The emphasis centers on learning through the use of the design process and hands-on projects.



**Television Production  
(2655)  
Grade 11**

**5 Credits  
Prerequisite: Application, Essay &/or Video**

The Toms River Schools TV STUDIO is a state-of-the-art television production facility located at High School East and available to students at all high schools. The TV STUDIO includes a studio, a fully equipped control room, an editing suite for sound and video, and a "green room." In addition, remote production equipment allows for "on location" taping of special events and sports coverage. The TV STUDIO is also linked to the Cable News Network (CNN), which provides both news and educational services for inclusion in student productions. Television Production is an academic and hands-on studio course, which develops skills in the field of television communication. Specific areas of instruction include: the TV camera, digital video recording, the video switcher, computer applications, writing for TV, editing, directing, audio and lighting.

**Broadcast Journalism  
College Prep (2142)  
Grade 12**

**5 Credits  
Prerequisite: Television Production, Application, and 2-5 minute  
video highlighting your experience/knowledge  
Note: Students from HSN and/ HSS are bused to HSE for class**

Broadcast Journalism builds upon the skills developed in Television Production and provides students with the opportunity to develop advanced skills in the field of broadcast journalism. Concepts in this hands-on course are developed primarily through experience. Working in the TeleCenter, students produce a weekly news show for broadcast on our own cable access channel TV-21 and participate in all areas of production, both as talent and as technicians. In addition, students compose the production teams that participate in a variety of TV-21 programs covering sports, concerts, special events, entertainment programs, and documentaries.

**Cooperative Education  
(2547)  
Grade 12**

**15 Credits  
Prerequisite: Application**

Senior students must apply to the coordinator for acceptance to this course, which allows students to participate in a cooperative work experience program. Students must take the related class as well as be placed in a job. Students must work no less than fifteen hours per week and are paid at least the minimum wage.

## **ELECTIVES – HALF YEAR**

**Multimedia  
(2663)  
Grades 9, 10, 11, 12**

**2.5 Credits**

Multimedia is a half-year technology course that has to do with the use of animation, text, video, audio, and images. With this, the class is designed to incorporate beginner's knowledge of all such material. The following programs will be introduced in this class: PowerPoint, Movie Maker, and Photoshop. The course consists of creating projects using each of these programs.

**Web Page Design  
(2506)  
Grades 9, 10, 11, 12**

**2.5 Credits**

This course will educate students on web design theory. Students will begin by learning basic HTML 5 Code with CSS to develop their websites. Industry standard software will then be introduced to further build on their electronic portfolio. The internet is used throughout the course to research topics as well as test student websites.

**Career Exploration  
(2503)  
Grades 9, 10, 11, 12**

**2.5 Credits**

This course is designed to assist students in setting educational and occupational goals through assessment of interests and values. Within this framework, the following will be addressed: oral and written communications skills, interviewing skills, job application process, careers resources, and resumes.

# FINANCIAL, ECONOMIC, BUSINESS AND ENTREPRENEURIAL LITERACY EDUCATION DEPARTMENT

## COURSE DESCRIPTIONS

### ELECTIVES – HALF YEAR

**Personal Finance  
(2504)  
Grades 9, 10, 11, 12**

**2.5 Credits**

This course will prepare students to apply economic concepts and decision-making skills to the use of money, credit, investment opportunities, insurance, tax preparation, checking and savings accounts, and maintaining a budget. Activities will include using the Internet and spreadsheet software

**Personal Finance Option 2  
(2590)  
Grades 11, 12**

**2.5 Credits  
Prerequisite: Application**

This option permits a student to earn credits in a more personalized and independent manner. Option II offers alternative paths to credits that meet or exceed the Core Curriculum Content Standards and are based on student interest or career goals (N.J.A.C.6A:8-5.1(a)1ii) . Examples include distance or online learning, world language through demonstration of proficiency, or successful completion of an accredited college course. Option II requires application and pre-approval from the principal, in addition to Board of Education approval, to ensure that student achievement meets or exceeds the standards. Before credit will be awarded student must pass appropriate assessments, and other measures of progress. Contact your Guidance Counselor for details.

# OCEAN COUNTY VOCATIONAL TECHNICAL SCHOOL

Grades 11 and 12

15 Credits

Students attending the Ocean County Vocational Technical School are typically juniors and seniors who wish to continue their education in a college or post-secondary technical institution, or to pursue a career major related to job placement. The students attend home school for half a day, and then are transported to their vocational school center (Brick, Ocean, Jackson, Lakehurst, or Toms River) for the remainder of the day. Students maintain full status with their home school where they pursue academic courses, take part in sports and other co-curricular activities, and graduate. Upon graduation, students receive both a high school diploma and a certificate of completion from the Ocean County Vocational Technical School. In addition, students receive state and national certifications. Many vocational/technical programs have Tech Prep agreements where students can earn between three and twenty college credits while still in high school.

Applications and OCVTS Course Guides with complete course descriptions may be obtained from the guidance office. The decision of acceptance is made solely by the Ocean County Vocational Technical School and is based on space availability, the student's grades, results of placement examinations, and record of attendance.

## COURSE OFFERINGS 2017-2018

|   |        |
|---|--------|
| • Agricultural & Environmental Sciences                           | (2839) |
| • Audio for Electronic Media (Tech Prep) (Full-Time Only)         | (2804) |
| • Automotive & Diesel Engine Technology                           | (2833) |
| • Automotive Technology (Tech Prep)                               | (2806) |
| • Building Construction Technology                                | (2812) |
| • Child Care Professions (Tech Prep)                              | (2817) |
| • Collision Repair  | (2805) |
| • Computer Science (Tech Prep)                                    | (2810) |
| • Computer Service Repair*  | (2826) |
| • Cosmetology (Tech Prep)   | (2809) |
| • Culinary Arts (Tech Prep)                                       | (2837) |
| • Custom Woodworking/Cabinetmaking                                | (2815) |
| • Dental Assisting*   | (2823) |
| • Design and Visual Communication (Tech Prep)                     | (2820) |
| • Electrical Trades   | (2827) |
| • Electrical Trades/Integrated Cabling Technology                 | (2828) |
| • Fashion Merchandising/Design (Tech Prep)                        | (2834) |
| • Heating, Ventilation, Air Conditioning & Refrigeration (HVAC-R) | (2801) |
| • Health and Fitness Technology (Tech Prep)                       | (2863) |
| • Homeland Security (Full-Time Academy of Law & Public Safety)    | (2864) |
| • Marine Trades   | (2841) |
| • Mechanical Services Technology                                  | (2818) |
| • Medical Administration  | (2844) |
| • Medical Assistant (Tech Prep)                                   | (2843) |
| • Medical Skills and Related Health Careers                       | (2846) |
| • Pre-Engineering Tech  | (2824) |
| • Prevocational Programs  | (2865) |
| • Welding   | (2861) |

\*One-Year Program Only

# **SCHOOL CONTACT INFORMATION**

## **TOMS RIVER HIGH SCHOOL EAST**

1225 RAIDER WAY  
TOMS RIVER, NEW JERSEY 08753  
732-505-5675 (GUIDANCE)  
732-505-5665 (MAIN)

## **TOMS RIVER HIGH SCHOOL NORTH**

1245 OLD FREEHOLD ROAD  
TOMS RIVER, NEW JERSEY 08753  
732-505-5712 (GUIDANCE)  
732-505-5705 (MAIN)

## **TOMS RIVER HIGH SCHOOL SOUTH**

55 HYERS STREET  
TOMS RIVER, NEW JERSEY 08753  
732-505-5745 (GUIDANCE)  
732-505-5734 (MAIN)

## **TOMS RIVER INTERMEDIATE EAST**

1519 HOOPER AVENUE  
TOMS RIVER, NEW JERSEY 08753  
732-505-5783 (GUIDANCE)  
732-505-5777 (MAIN)

## **TOMS RIVER INTERMEDIATE NORTH**

150 INTERMEDIATE NORTH WAY  
TOMS RIVER, NEW JERSEY 08753  
732-505-5808 (GUIDANCE)  
732-505-5800 (MAIN)

## **TOMS RIVER INTERMEDIATE SOUTH**

1675 PINEWALD ROAD  
BEACHWOOD, NEW JERSEY 08722  
732-505-3910 (GUIDANCE)  
732-505-3900 (MAIN)