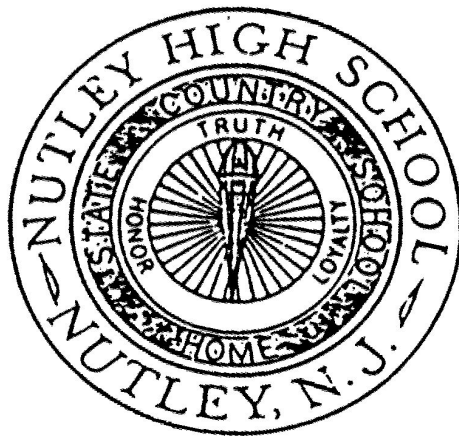


Program of Studies



2019-2020

Nutley High School

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Vice-President

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Superintendent of Schools

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Mrs. April Vitiello	Supervisor of Special Services

High School Administration

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Mr. Joseph Materia	Vice-Principal
Mrs. Jacquelyn Devore	Vice-Principal

Department Coordinators

Dr. James Riley	K-12 Coordinator of Fine, Performing and Practical Arts
Ms. Robyn Powell	K-12 Coordinator of Health & Physical Education
Mrs. Brooke Benavides	K-12 Coordinator of English Language Arts
Ms. Leann Martin	K-12 Coordinator of Mathematics
Mrs. Carly Johnson	K-12 Coordinator of Science
Mrs. Meredith Gerckens	K-12 Coordinator of School Counseling
Mr. Joe Dwyer	K-12 Coordinator of Social Studies
Dr. Jessica Shoja	K-12 Coordinator of Integrated Instructional Tech.
Dr. Frank Ruggiero	K-12 Coordinator of World Languages and ESL/Bilingual

Nutley High School

Mission Statement

Nutley High School empowers its students to lead and excel by providing a supportive learning environment which challenges and inspires students to further develop the intellectual curiosity, skills, and knowledge needed to achieve their goals and succeed in a global society.

Belief Statements

We believe at Nutley High School that:

- Students should be challenged and inspired by the curriculum and extra-curricular activities.
- Students should continue to develop intellectual curiosity and problem-solving skills needed in our global society.
- Responsibility for education is an active partnership between the district and community stakeholders.
- Character education is integral to the development of self-esteem, which fosters positive growth and social responsibility.
- Respect, integrity, and pride in education are valued and practiced by staff and students.
- Students are entitled to a safe, positive school climate that promotes their physical, emotional, and social development.

Profile of the Graduate

A Nutley High School graduate will:

- Utilize technology to enhance learning and communication.
- Be competent in critical thinking, problem solving, collaboration, leadership, and decision making skills.
- Recognize the importance of being life-long learners and acquire the skills necessary for continuous education.
- Possess a positive sense of self and a commitment to personal growth and wellness.
- Demonstrate proficiency in the core content areas and have an appreciation of the Arts.
- Exhibit integrity, initiative, empathy, responsibility, and self-respect.

The Nutley School District will not discriminate on the basis of race, color, religion, national origin, ancestry, age, political affiliation, sex, armed forces liability, physical handicap, or social or economic status in its educational programs or activities and employment policies as required by Title IX of the Educational Amendments of 1972 and NJAC 6:4-1.1 et. seq

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Introduction

This catalog is a valuable reference manual for students, parents, and school personnel actively involved in curriculum planning at Nutley High School. It is a complete guide to the possible course offerings at Nutley High School. Each department has described its specific course offerings, highlighting the chief components of each course.

Please understand that final decisions regarding the actual offering of any particular course for the 2019-2020 school year will be dependent upon enrollment and budget constraints. Therefore, not all classes listed in this catalog are guaranteed to run every school year.

Planning an individual student's high school program of studies demands a cooperative effort between home and school. The program of studies that a student pursues in high school should reflect his or her aspirations, achievements, and aptitudes. The courses at Nutley High School provide students with many opportunities to meet their educational needs. Beyond state, district, college, and career requirements, students are encouraged to select courses that will be academically stimulating and personally enriching. In selecting particular courses, the following criteria should be considered.

Does the course:

- a. Meet the high school graduation requirements?
- b. Provide an outlet for interests in specific subject areas?
- c. Reflect a significant proficiency level?
- d. Provide a background for post high school plans leading to career options?
- e. Meet general college entrance requirements?
- f. Meet college entrance requirements specific to schools in which the student is interested?

Please note the following when planning your program:

- a. Make sound preliminary choices. Initial low enrollment totals may lead to the cancellation of a course thus decreasing the options for change once the master schedule is complete.
- b. Choose courses not teachers. ***Students and parents should not make the mistake of choosing or refusing a course based on their perception of the assumed instructor.*** Each choice should be based on the merits of the course content and its value to the student's specific needs. Please understand that requests for schedule adjustments based on the issue of personnel will not be honored.
- c. Students should discuss specific subject area choices with teachers and/or department coordinators who can share valuable insight into the nature of specific courses.
- d. When planning course level placement, consider taking the most challenging course load that you can handle without creating an undue burden. Any inquiries regarding scheduling should first be directed to the student's school counselor.
- e. Registration for and instruction in each of our classes is based on an individual student's needs.

School Counseling Services

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

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

Students who are having severe difficulty in reading, mathematics, and/or writing may receive supplemental instruction upon the recommendation of the department coordinator and/or the evaluation and approval of the Special Services Director. Parents or students may initiate this service by contacting the appropriate department coordinator, school counselor, or Child Study Team case manager.

School Counselors: Persis Aviles, Lauren Birnbaum, Nicole Iannotta, Victoria Paino, Sherrie Tolve, Carrie-Anne Vos

Student Assistance Counselor: Lisa Cassilli

Child Study Team: Susan Furnari, Michael Ocejo, Toni Giovatto, Michelle Yasso

Transition Coordinator: Michelle Yasso

Routes for Obtaining a State Endorsed High School Diploma

1. Traditional Route – Fulfill *120 credits in four years. (*130 credits beginning with the Class of 2021)
2. Traditional Route, Early Graduation Option – Fulfill the traditional *120-credit graduation requirement in three years rather than four.
3. Traditional Route, Early Departure Option – Withdraw from high school early if accepted into college without a high school diploma. Students could then apply college credits back in order to fulfill the traditional *120-credit requirement. The diploma would be awarded after official transcripts from the college are received and verified by the Director of School Counseling and Principal, if certification is required.
4. Option ii – Students have the opportunity to fulfill the *120-credit requirement for graduation through the Option ii process. The January 2004 amendment to NJAC 6A:8-5.1(a)1 clarifies that the Board of Education, in developing their graduation requirements, may use a combination of options rather than limiting themselves to only one. Under Option ii, the Board of Education may utilize performance or competency assessment to approve student completion of programs aimed at meeting or exceeding the Core Curriculum Content Standards at the secondary level, including those occurring

all or in part prior to a student's high school enrollment. Activities and programs developed in accordance with Option ii shall include appropriate assessments that ensure student achievements meet or exceed the Core Curriculum Content Standards.

Graduation Requirements

In order for a student to graduate and receive a high school diploma from Nutley High School, he or she must:

- Earn a minimum of *120 credits through a traditional or Option ii program (*130 credits beginning with the class of 2021); and
- Pass the New Jersey Student Learning Assessment in Algebra I and ELA 10 or any other assessment as outlined below by the state of New Jersey for students graduating in 2020.

Class of 2020

English Language Arts	Mathematics
NJSLS ELA 9 750 or above	NJSLS Algebra I 750 or above
NJSLS ELA 10 750 or above	NJSLS Geometry 725 or above
NJSLS ELA 11 725 or above	NJSLS Algebra II 725 or above
SAT Reading subscore 22 or above	SAT Math subscore 22 or above
ACT Reading 16 or above	ACT Math 16 or above
Accuplacer Write Placer 6 or above	Accuplacer Elementary Algebra 76 or above
PSAT/NMSQT Reading subscore 22 or above	PSAT/NMSQT Math subscore 22 or above
ACT Aspire Reading 422 or above	ACT Aspire Math 422 or above
ASVAB-AFQT Composite 31 or above	ASVAB-AFQT Composite 31 or above
NJDOE Portfolio Appeal	NJDOE Portfolio Appeal

*The Class of 2020 can demonstrate graduation assessment proficiency through the above means, provided that students in the Class of 2020 take all NJSLS assessments associated with the high-school level courses for which they were eligible.

Traditional *120-Credit Program

Earn a minimum of *120 credits by successful completion of the prescribed courses listed on the Graduation Requirements Chart. Every Nutley High School student should be scheduled for a minimum of 35 credits per year. It is recommended that each student takes 40 credits each year and enrolls in a minimum of four (4) core classes each year. **(*Beginning with the Class of 2021, 130 credits are required for graduation.)**

Each full-year course that meets routinely for one non-extended class period shall yield five (5) credits. Half-year courses that meet routinely for one non-extended class period shall yield two and a half (2.5) credits. Physical Education courses that meet routinely for one class period for

three marking periods shall yield three and three-quarter (3.75) credits and quarter courses meeting routinely for one class period shall yield one and one-quarter (1.25) credits. Courses meeting for extended periods, a portion of a year, or a portion of a week shall be prorated. For example, a lab course shall be awarded one (1) additional credit if that class routinely meets for additional time.

Option ii Program

The *120-credit requirement may be met in whole or in part through program completion of the Option ii program. (***Beginning with the Class of 2021, 130 credits are required for graduation.**)

The January 2004 amendment to NJAC 6A:8-5.1(a)1 clarifies that the Board of Education, in developing their graduation requirements, may use a combination of options rather than limiting themselves to only one. Under Option ii, the Board of Education may utilize performance or competency assessment to approve student completion of programs aimed at meeting or exceeding the Core Curriculum Content Standards at the secondary level, including those occurring all or in part prior to a student's high school enrollment. Activities and programs developed in accordance with Option ii shall include appropriate assessments that ensure student achievements meet or exceed the Core Curriculum Content Standards.

Note: Minimum graduation requirements, as prescribed in NJAC 6A:8-5.1, do not equate to college admission requirements.

Option II is named for a specific part of New Jersey Administrative Code (N.J.A.C. 6A:8-5.1(a)ii) which sets guidelines for graduation requirements. "Option II" allows districts to create a program through which students may earn credit toward graduation in a non-traditional way. Option II allows for the student design and implementation of programs to meet their needs. Option II programs can be designed as self-directed learning, internships, college or vocational coursework not offered at Nutley High School.

Self-Directed Learning is a unique learning experience designed entirely by the student to meet individual objectives related to student interests and career goals. Self-Directed Learning differs from a Structured Learning Experience in that it does not require the student to report to a worksite or supervisor during his/her Option II time. While Self-Directed Learning may incorporate career shadowing, service learning and/or collaborative projects with a business/company/agency, etc. the learning does not center around one single placement.

The College Coursework Option is available to students who request to enroll in college or vocational courses not equivalent to Program of Studies options while attending NHS. Courses must meet the approval of the department coordinator and building principal.

Students that are interested in any of the Option II experiences should complete an Option II application, where they will be asked to identify their learning needs, and develop a plan to meet those needs. This application must be completed by March 1, 2019, so that it may go to the Option II committee for approval.

Graduation Requirements:

Graduation Requirements Chart

Subject Area	Required Credits
English ¹	At least 20 credits
Social Studies ² US History World History	At least 10 credits for US History At least 5 credits for World History
Mathematics ³	At least 15 credits
Science ⁴	At least 15 credits
Physical Education, Health and Safety ⁵	At least 5 credits for each year of enrollment
Visual and Performing Arts ⁶	At least 5 credits
21st Century Life and Careers Education ⁷ (Practical Arts)	At least 5 credits
World Languages ⁸	At least 5 credits
Financial Literacy ⁹	At least 2.5 credits
Total Minimum Credits Required	*120 (*130 beginning with the Class of 2021)

¹ **English:** Twenty (20) credits including:

Grade 9 – English I or I Honors

Grade 10 – English II or II Honors

Grade 11 – English III or English III AP

Grade 12 – English IV or English IV AP

² **Social Studies:** Fifteen (15) credits including satisfaction of NJSA 18A:35-1 and 2; five (5) credits in World History; ten (10) credits in US History, and the integration of civics, economics, geography, and global content in all course offerings.

³ **Mathematics:** Fifteen (15) credits including at least five (5) credits in Algebra I, five (5) additional credits in Geometry, and an additional five (5) credits in a math course that builds upon Algebra I and Geometry.

⁴ **Science:** Fifteen (15) credits including at least five (5) credits in laboratory biology/life science or the content equivalent, at least five (5) additional credits in a laboratory/inquiry-based science course which shall include chemistry, environmental science, or physics, and-at least five (5) additional credits in a lab/inquiry-based science course.

⁵ **Physical Education, Health and Safety:** This includes driver education theory and family life education. Students with an authorized reason may be excused from the physical activity part of the regular program and will be assigned an alternative activity. Physical Education and Health courses are required by the State of New Jersey and must be passed each year. If a

student fails Physical Education and/or Health for the year, he or she is strongly encouraged to take and pass the course in summer school.

⁶ Visual and Performing Arts: This includes all courses under Visual Arts and Music with the exception of Stage Craft.

⁷ 21st Century Life and Careers: All courses under the Career and Technical Education fulfill this requirement with the exception of the internship, work and vocational experiences.

⁸ World Language: All students will fulfill the one-year world language requirement. Limited English Proficient (LEP) students who take an additional English or English as a Second Language (ESL) class may use that second English class to fulfill the requirement.

⁹ Financial Literacy: Required for all

Advanced Placement (AP) Program

AP courses are offered in English Language, English Literature and Composition, Studio Art: Drawing, 2D, and 3D, Art History, Computer Science Principles, Calculus AB, Calculus BC, Statistics, Biology, Chemistry, Physics I, Physics II, Environmental Science, U.S. History, American Government and Politics, Human Geography, Macroeconomics, Italian Language and Culture, Spanish Language and Culture, and Latin.

AP courses are college level courses offered in high school for students interested in pursuing a thorough, comprehensive program of study and research. These are courses in which the College Board determines the curriculum. All students wishing to enroll in an AP course must complete an AP Recommendation Form and complete any outlined prerequisites and/or assessment requirements for the particular content area.

Students scheduled for AP courses are required to take the AP examinations in May. There is an approximate fee of \$98 required by the College Board for students who sit for the AP exam. After completing the AP exam, students will be required to remain academically engaged for the balance of the school year. During the final exam period in June, AP students will be required to complete a culminating task for each AP course, which may include a capstone project/presentation, traditional final exam and/or service learning project/presentation. The grade on the this culminating task will count as 1/9 of the final grade for the course.

Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript. For extenuating circumstances, an appeal can be filed with the school administration.

AP courses can not be added after the second week of school, and students will be responsible to make-up missed summer work.

Upon completing the AP recommendation and authorization process, students will be required to pay for each of the exams in which they have enrolled for the upcoming school year. This payment is to be processed through Total Registration by September 20, 2019. Failure to do so

will result in a student's removal from the AP course(s). In this case, a student will be placed into a course with an open seat in the same period and/or a study hall if he/she does not have one.

If a student receives a 3, 4, or 5 on the AP exam it might be possible to:

1. Receive college credit for that particular AP course.
2. Be granted an exemption by the college or university from beginning courses.
3. Gain tuition savings – up to a year of credit may be given to students with qualifying grades.
4. Have time to explore undergraduate subject areas that the student would not otherwise be able to study.
5. Gain eligibility for honors and other special programs open to students who have received AP recognition.

The score reported on the AP examination as well as each college's AP policy, determine how the above benefits apply. For a current list of college AP policies, refer to <http://collegesearch.collegeboard.com/apcreditpolicy/index.jsp>.

Scheduling Parameters

Course Levels

Initial course level placement will be based on teacher recommendation, demonstrated competency within the discipline, and successful completion of prerequisite courses. Students and their parents or guardians wishing to change the recommended placement must complete and submit a Petition to Change Course Recommendation by the last day of school to the Director of School Counseling. A petition to change course level in a mathematics or world language course may require successful completion of an assessment. Students may not petition into a class which requires an audition or the review of a portfolio.

Level Changes

It is recommended that all level changes be made in consultation with the counselor, teacher, department coordinator, and parent(s). There must be an open seat in the requested course as well as any other courses affected by the schedule change in order for the change to be made. Maintaining acceptable class size will be a priority.

If a student or parent/guardian wishes to increase the course level, the students should complete the Petition to Change Course Recommendation form. The student, parent, and school administrators must sign off on the level change. All petitions require a student letter explaining his/her areas of weakness and his/her plan to address these in the higher-level course. In addition, students are required to meet with the coordinator of the content area. A completed Petition to Change Course Recommendation form with all required signatures must be submitted by the last day of school to the Director of School Counseling. If space is available, students are expected to complete the same work and be evaluated against the same standard as

all other students in the class and any grade received will be final.

Students may hand in signed schedule change forms to the Director of School Counseling as soon as the schedules are released and forms are completed. Schedule change forms will be addressed in the order they are received. Students are encouraged to submit completed forms to the Director of School Counseling prior to the start of school.

If a student or parent/guardian wishes to decrease the course level, the student must complete the Schedule Change form. The student, parent, and school administrator must sign off on the level change. It is suggested that students complete a Schedule Change form for a level change by June to increase the chances of a seat being available in that course. Once school begins, level changes will be made starting the third week of September and may carry through the end first marking period or before 30 calendar days for transfer students. In addition, the student is responsible for missed work. Grades follow the student when he or she makes a level change, with due consideration given to the weight of that grade.

This procedure does not pertain to errors or omissions in scheduling.

Course Changes

There must be an open seat in the requested course as well as any other courses affected by the schedule change in order to initiate the Drop/Add. Students must meet all prerequisites for course changes. This procedure does not pertain to errors or omissions in scheduling. In addition, the student is responsible for missed work. Change requests must be submitted no later than the third week of school. (Second week of school for AP courses).

Course Withdrawals

Students may elect to withdraw from a course within the timeline listed below:

- Year courses – No later than the last day of the 2nd marking period.
- Semester courses – No later than the last day of the 1st or 3rd marking periods.

Effect of Withdrawal on Permanent Record

1. A student who elects to withdraw from a year course within the first 30 calendar days of the school year is to be removed from the class roster. No record of this withdrawal shall appear on the student's permanent transcript.
2. A student who elects to withdraw from a year course anytime after the first 30 calendar days of the school year is to be removed from the class roster. A record of withdraw passing (WP) or withdraw failing (WF) is to be maintained throughout the remainder of the year and recorded on the student's permanent transcript.
3. A student who elects to withdraw from a fall semester course within the first 15 days of the marking period is to be removed from the class roster. No record of this withdrawal shall appear on the student's permanent transcript. After this date a record of WP or WF

is to be maintained throughout the remainder of the year and recorded on the student's permanent transcript.

4. A student who elects to withdraw from a spring semester course within the first 15 days of the marking period is to be removed from the class roster. No record of this withdrawal shall appear on the student's permanent transcript. After this date a record of WP or WF is to be maintained throughout the remainder of the year and recorded on the student's permanent transcript.
5. A student who is withdrawn from a course by an administrator due to a violation of building rules or procedures will receive a withdraw (W) on his or her permanent transcript.
6. Students who withdraw from a course may not audit that same course.
7. No Credit (NC) will be only used for students entering Nutley High School from another district who have not received credit in a course while in the prior district.

Audits

Students may choose to audit a class for the purpose of enrichment or to repeat a course that is a prerequisite for another course. The audit agreement is made between the student, teacher, and administration and will be addressed on a case by case basis once the school year has begun. Teachers are not required to accept auditors. Acceptance is based on enrollment only and if seats are available. If an audit agreement is made, teachers are not required to evaluate student work or progress. Students who withdraw from a course may not audit that same course or another course.

Students who audit a course are expected to follow all classroom rules, procedures, attendance requirements, and the course syllabus. Failure to comply will result in removal from the course. The course audit, when completed, will appear on the permanent record but no credit will be issued. Audited courses do not fulfill graduation requirements. A record of AU will appear on the student's transcript.

Students having already completed an academic grade level from out-of-district and moving into the school district prior to the completion of that same school year may be placed in classes as an auditing student.

Dual Enrollment Programs

Nutley High School offers dual enrollment programs with Rutgers University and Seton Hall University. These programs afford students the opportunity to earn academic college credit while attending high school. Please contact the School Counseling Department for more information. Information for Project Acceleration, offered through Seton Hall University, can be accessed at http://www.nutleyschools.org/content_page2.aspx?cid=246.

Grading Parameters

Grade Level Promotion Requirements

In order for students to be promoted to the next grade level, they must have successfully completed a required amount of credits during the school year (September through August). These minimums coincide with athletic and extra-curricular eligibility requirements.

9th to 10th grade: 30 Credits

10th to 11th grade: 60 Credits

11th to 12th grade: 90 Credits

This is for graduation and eligibility tracking purposes only. It will not affect the student's ability to participate in grade-level determined social activities.

Course Weighting

There are two levels of course weightings utilized for the purpose of calculating grade point average.

1. Unweighted Courses

Any course not designated Advanced Placement (AP) or Honors (H)

2. Weighted Courses

Includes Advanced Placement (AP) and Honors (H) courses

Each student will have an unweighted and weighted grade point average which will be calculated each marking period. Unweighted grade point average (GPA) is based on a scale beginning with 0.0 and having a ceiling of 4.0. Weighted grade point average (WGPA) is based on a scale beginning with 0.0 and having a ceiling of 4.5. All graded (non-pass/fail) courses are used in the calculation of GPA and WGPA. A student's cumulative GPA and WGPA are tabulated and posted on the transcript at the conclusion of each school year and on quarterly report cards.

Numeric Equivalents

		UNWEIGHTE D	WEIGHTE D
Grade	Grading Scale	Standard	AP/H
A	94.0 – 100	4.0	4.5
A-	90.0 – 93.9	3.7	4.2
B+	87.0 – 89.9	3.3	3.8
B	83.0 – 86.9	3.0	3.5
B-	80.0 – 82.9	2.7	3.2
C+	77.0 – 79.9	2.3	2.8
C	73.0 – 76.9	2.0	2.5

C-	70.0 – 72.9	1.7	2.2
D+	67.0 – 69.9	1.3	1.8
D	60.0 – 66.9	1.0	1.5
F	Below 60	0.0	0.0

Determining Final Course Average

Final course averages in full year courses (4 marking periods) will be calculated as follows:

- The final exam will each count as 1/9 of the final course grade.
- Each marking period will count as 2/9 of the total grade.

Final course averages in $\frac{3}{4}$ year courses (3 marking periods) will be calculated as follows:

- The final exam will each count as 1/7 of the final course grade.
- Each marking period will count as 2/7 of the total grade.

Final course averages in $\frac{1}{2}$ year or semester courses (2 marking periods) will be calculated as follows:

- The final exam will each count as 1/5 of the final course grade.
- Each marking period will count as 2/5 of the total grade.

Students scheduled for AP courses are required to take the AP examinations in May. Students who take AP courses will be required to take the Nutley High School final exam. The grade on the final exam will count as 1/9 of the final grade for the course.

Steps for Determining GPA and WGPA

1. For each graded (non-pass/fail) course the student completes, multiply the GPA value of the letter grade received times the number of credits earned to determine the number of quality points awarded. When calculating WGPA for AP and Honors courses grade point equivalents increase by 0.50 prior to multiplication by credits earned.
2. Divide the quality point total by the total number of credits attempted. This will yield the grade point average. The same method is used for calculating GPA and WGPA.
3. For mid-year GPA or WGPA calculation, multiply the GPA value of the current year-to-date average by the prorated number of credits earned to date. (For a five-credit class, 1.25 credits are earned at the end of the first marking period, 2.5 credits are earned at the end of the second marking period, and 3.75 credits are earned at the end of the third marking period.)

GPA for Transfer Students

- With regard to transfer students, Nutley High School shall consider as weighted those courses taken at other schools when the corresponding Nutley High School course is weighted or would be weighted, if offered.

Process for Resolving Incomplete Grades

1. A grade of Incomplete (I) will be given only when there is just cause, *e.g.*, work missing due to absence or illness. Otherwise, students are expected to submit work on time. While it is permissible to accept work that is late, students are expected to complete all work prior to the end of the marking period.
2. Students are expected to resolve incomplete assignments no later than ten (10) school days after the close of the marking period. Unresolved incomplete assignments will be automatically turned into a grade of zero (0) after ten (10) school days. Any grade of zero (0) earned on an incomplete assignment will be averaged in with the other grades earned during the marking period unless the work is completed. After ten (10) school days, the marking period average will replace the Incomplete (I) on the report card.
3. If an extension is sought due to extenuating circumstances, the student and parent are responsible for contacting the department coordinator and providing the requested documentation.

Rank in Class

At Nutley High School we create an environment that is academically rigorous. The majority of our students meet that challenge by earning exemplary grades. We believe that rank in class unnecessarily increases competition and that our students' levels of achievement are not equitably or fully communicated by this single transcript statistic. Nutley School District policy therefore precludes the reporting of rank in class.

Academic Awards

Honor Roll

To qualify for the honor roll, a student must earn no less than a B- in all subjects.

High Honor Roll

To qualify for the high honor roll, a student must earn no less than an A- in all subjects.

High Honors and Honors

Honors and High Honors are awarded at graduation in business, career and technical education, English, mathematics, music, science, social studies, world languages, and visual arts. To

qualify for high honors a student must complete four years of study in a specific discipline and receive no less than an A- for a final grade. If additional courses are taken in the same discipline, the final grade must be no lower than a B-.

To graduate with honors a student must complete four years of study in a specific area and achieve a final grade of no less than a B-. If additional courses are taken, a minimum of a B- must be achieved.

National Honor Society

The National Honor Society promotes recognition for students who demonstrate outstanding achievement in the areas of scholarship, character, leadership, and service. In order to qualify, students must attain a WGPA of 3.7 and participate in school service as well as community service activities. Students are eligible for National Honor Society in spring of their junior year or fall of their senior year, depending upon when each student met the necessary requirements outlined below:

Requirements:

Spring – Junior Year

- Students must participate in at least six (6) school service activities.
- Students must complete twenty-four (24) hours of community service.

Fall – Senior Year

- Students must participate in at least eight (8) school service activities.
- Students must complete thirty-two (32) hours of community service.

Please note – Participation in school service clubs, such as Key Club or Student Council, counts towards the fulfillment of the school service activities. Hours spent on activities through these clubs are not counted towards the fulfillment of community service hours because the activity was already counted.

National World Languages Honor Society

The world language honor societies were established at Nutley High School to recognize student achievement in the study of another language at the secondary level. To be eligible, students must have completed at least a 2-year sequence of language study at the high school level, have completed a level III language course, and be currently enrolled in a level IV language course (or its equivalent). To qualify for induction, students must also have:

- at least an A- average in all language coursework at the high school level
- a minimum weighted grade point average of 3.5 (B) in all other secondary school subjects prior to the semester of selection

The world language honor society induction ceremony will take place in the fall. Attendance at the induction ceremony is mandatory for induction.

Tri-M Music Honor Society

Tri-M Music Honor Society is an international music honor society designed for eligible students in grades 11 and 12. The purpose of Tri-M is to recognize students' academic and musical achievements, reward their accomplishments and service activities, and inspire the growth and development of aspiring leaders. Tri-M is a program of the National Association for Music Education (NAfME) and is comprised of over 5,500 chapters throughout the world.

Tri-M shares and supports the objectives of every dedicated music educator in its endeavor to strengthen and unify the school music program by increasing student and school involvement with music.

Tri-M is open to students in grades 11 and 12 who meet the following eligibility requirements:

- Students must be currently enrolled in a performance-based music course
- Demonstrated active involvement with off-campus, performance-based, music activities in grades 10, 11, and 12*
- Maintain a 3.7 average in all music courses
- Maintain a minimum 3.3 average in all academic courses
- Display leadership in their respective performance ensembles through demonstrated achievement, responsibility, and planning
- Exhibit exemplary character and professionalism toward faculty and students
- Displayed service to community and school
- Faculty and coordinator approval with completed Tri-M application before final date for submission
- Participate in annual Tri-M Induction Ceremony
- Students who audition for and are accepted in Region, All-State, or All-Eastern ensembles and meet the academic requirements, will automatically achieve induction.

*Examples include: NHS Marching Band, qualified private lessons (must include demonstrated performances/recitals/master classes), audition for Region Band or Region Jazz.

National Art Honor Society

The National Art Honor Society (NAHS) is designed specifically for high school students in grades 11-12. The purpose of the National Art Honor Society is to inspire and recognize students who have shown an outstanding ability and interest in art. The NAHS strives to aid members in attaining the highest standards in art scholarship, character, and service, and to bring art education to the attention of the school and community.

NAHS shares and supports the objectives of every dedicated art educator in its endeavor to strengthen and unify the school art program by increasing student and school involvement with the creative arts.

NAHS is open to students in grades 11 and 12 who meet the following eligibility requirements:

- Students must be currently enrolled in a fine arts course
- Demonstrated active involvement with off-campus, performance-based, art activities in grades 10, 11, and 12*
- Maintain a 3.7 average in all art courses
- Maintain a minimum 3.3 average in all academic courses
- Display leadership in their respective creative arts courses through demonstrated achievement, responsibility, and planning
- Exhibit exemplary character and professionalism toward faculty and students
- Displayed service to community and school
- Faculty and coordinator approval with completed Tri-M application before final date for submission
- Participate in annual NAHS Induction Ceremony

Student Assessments

1. All Nutley High School students must take the NJSLs assessment. NJSLs assesses a student's ability in an array of subject areas. Students must pass this test in order to receive a high school diploma.
2. In addition to state and district mandated assessments; other evaluations are used to determine student proficiency in core curriculum content areas. These assessments may identify students who are not yet proficient in designated curricular areas. Also, the use of multiple indicators of a student's performance validates the student's need for additional assistance.
3. All Nutley High School juniors will need to sit for a comprehensive exam in science beginning in 2018. This exam will take the place of the NJ Biology Competency Test (NJBCT). At this time, we know that this will be an online, comprehensive exam, meant for students at the culmination of their junior year in high school. As we know more specific information about the test itself and information that surrounds it, we will release it separate from this document.
4. The Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT), co-sponsored by the College Board and the National Merit Scholarship Corporation, is an important first step towards college. Test results and their accompanying analysis are valuable tools that can help prepare students for the SAT® and education opportunities beyond high school.
 - Nutley High School will offer the PSAT/NMSQT examination in the fall. Students must register for the test using the Total Registration link found on the website at www.nutleyschools.org between August and September. To be eligible for a fee waiver, juniors must be enrolled in or eligible to participate in the federal free or reduced lunch program. In order to utilize a fee waiver for the Fall 2018 administration of the assessment, documentation must be submitted no later than June 1, 2018. For more information, visit <http://professionals.collegeboard.com/testing/psat/about> or http://www.nutleyschools.org/content_page2.aspx?cid=244.

5. Standardized college admissions testing is recommended for students wishing to pursue a post-secondary education. The College Board and American College Testing (ACT) offer national testing programs from September through June. Nutley High School offers the Scholastic Aptitude Test (SAT), SAT Subject Tests, and ACT on site. For information about SAT testing dates and locations, go to <http://www.collegeboard.com/> or http://www.nutleyschools.org/content_page2.aspx?cid=244. Information about ACT test centers and dates can be found at www.actstudent.org.
6. Students entering grade 9 will have the opportunity to sit for common and/or readiness assessments which will determine eligibility for placement in various courses offerings.

Final Assessments

All students are required to take unit assessments which are imbedded into each marking period and a final exam for each course. The final exam grade counts as 1/9 of the final average in full year courses. The final exam in $\frac{3}{4}$ year courses counts as 1/7 of the final average. The final exam in $\frac{1}{2}$ year courses counts as 1/5 of the final average.

Students scheduled for AP courses are required to take the AP examinations in May. Students who take AP courses will be required to complete a culminating task for each AP course, which may include a capstone project/presentation, traditional final exam and/or service learning project/presentation. The grade on the culminating task will count as 1/9 of the final grade for the course.

Communication

Student Progress

End of the marking period report cards will be provided electronically through the parent portal. Students and parents are should log into the Realtime portal to check grades on a regular basis. Telephone and in-person conferences are available upon request. Teachers encourage communication as necessary throughout the school year.

NAVIANCE Family Connection

This program offers a number of innovative, easy-to-use, web applications for high school students and their parents to assist with a variety of tasks such as college research, college planning, college application process, teacher recommendation requests, career planning and exploration, resume building, goal-setting, and communication between school and home.

School Messenger

This program allows the district to text and email parents. Parents are strongly encouraged to sign up, activate, and participate in text and voice messages from school messenger for important information surrounding security, school closures, and district/school events.

Access to NAVIANCE/Family Connection

- Go to <http://connection.naviance.com/nutleyhs> or use the link found at www.nutleyschools.org under the Parent/Student menu or on the school counseling page.
- Sign in with your registered e-mail and your password.

*If you forgot your password, click on the “Forgot Your Password” link.

If you do not have a Naviance account, contact your school counselor to set one up.

Review of Credit – Summer School

Any student who receives an F in a course taken during the regular school year receives zero (0) credits towards graduation for that course. Students who need the course, or want to earn the credits lost by failing a course during the regular school year, may opt to:

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

Information about summer school will be posted on the district website as it becomes available and through the school counseling office.

Credit may be earned in the summer for a maximum of two courses. If there are extenuating circumstances and a cogent case can be made by a parent or guardian to the Director of School Counseling, a third course may be taken for credit only with the approval of the Principal. A student must be enrolled for a minimum of 60 hours for a five-credit review course (a course originally failed). Review courses require 12 hours per credit. The appropriate credits will be awarded to those who successfully complete the course work. When a subject is repeated in summer school, there will be two final grades reported on the transcript, the summer school grade as well as the Nutley High School grade. The summer school grade will not be used in the GPA calculation.

Please note – A student may not attend summer school for a course in which he or she is withdrawn from or withdraws and receives a grade of W, WP or WF during that school year.

Athletic and Co-Curricular Eligibility

The Board of Education recognizes that the primary responsibility of the school system is to educate all students to the maximum levels possible. Although the academic program has first priority, student activities are an important part of the total learning experience. The Board of Education, therefore, has an obligation to provide an opportunity for students to participate in a full range of activities, while ensuring that the student's academic progress is sufficient to support this participation. School activities are defined as:

- All interscholastic athletic teams
- All non-athletic co-curricular activities

Any student who wishes to compete in interscholastic sports or co-curricular activities must meet the minimum credit requirements established by the New Jersey Interscholastic Athletic

Association (NJSIAA). Eligibility for activities will be determined on a semester-by-semester basis. A student must have passed 30 credits in the previous year to be eligible for participation in activities offered in the fall and/or winter. Students who have not attained the required 30 credits at the end of the regular school year may attend an approved summer program in order to gain credits for fall/winter eligibility. To be eligible for activities offered in the spring a student must be passing 15 credits at the conclusion of the first and second marking periods (including the mid-term exam). For full year courses, one half of the full year's credit is allocated to the first semester.

College Admission Requirements

Minimum graduation requirements should not be confused with college admission requirements. The general rule of thumb for most four-year colleges is that applicants should have completed a minimum of 16 academic units upon graduation. Normally, one (1) academic unit is considered to be a full year in college preparatory English, mathematics, science, social studies, and world languages.

Nutley High School courses, which count as academic units, depend upon the discretion of each individual college admissions department. Good grades in quality courses will enhance admission chances.

Admission to colleges and universities varies from easy to extremely competitive. Families should familiarize themselves with the various types of colleges and the degree of difficulty for admission.

Students should begin the planning process when selecting courses for the high school years. The college preparatory curriculum is a four-year course of study; therefore, families should design a four-year plan that is reviewed and revised annually.

NAVIANCE College Planner can be used by students to research colleges, complete and save a comprehensive college search, access links to college websites, and view acceptance history through scattergrams, to name a few.

Please go to <http://connection.naviance.com/nutleyhs> or use the link found at: www.nutleyschools.org under the Parent/Student menu or on the School Counseling Department page.

- Sign in with your registered e-mail and your password.

*If you forgot your password, click on the "Forgot Your Password" link.

If you do not have a NAVIANCE account, contact your school counselor to set one up.

Participation in College Athletics

Students intending to participate in NCAA Division I or II college athletics as a freshman must be certified by the NCAA Eligibility Center. Certain academic criteria in high school must be achieved in order to be eligible to participate in college. For a list of Nutley High School approved courses (formerly 48-H), specific requirements, and application, go to: <https://web3.ncaa.org/hportal/exec/homeAction> and complete the form. The NCAA does not accept all courses from online providers. Students seeking credit recovery through an online provider are required to check the NCAA eligibility website to ensure these courses are approved. The NCAA now requires all student athletes to register with the eligibility center prior to accepting offers of official college visits. The Nutley High School CEEB code is 311035.

Career Planning

Students planning to enter the world of work immediately after graduation from high school may wish to concentrate on course sequences that provide some vocational preparation. In addition to the courses required for high school graduation, students are encouraged to consider elective course work in areas of interest. All students are encouraged to enroll in the School to Careers program and the Cooperative Work Experience.

NAVIANCE Career Planner can be used to research careers, learn more about themselves, link personality type and interests with both career clusters and individual careers, and gain an understanding of the academic preparation required to ensure they are ready to pursue careers in the fields they are interested in, to name a few.

Please go to Go to <http://connection.naviance.com/nutleyhs> or use the link found at www.nutleyschools.org under the Parent/Student menu or on the School Counseling Department page.

- Sign in with your registered e-mail and your password.

*If you forgot your password, click on the “Forgot Your Password” link.

If you do not have a NAVIANCE account, contact your school counselor to set one up.

Homebound Instruction

At times, it may be necessary for a student to receive homebound instruction. Homebound instruction will provide the minimum requirements necessary for graduation. AP and honors coursework may not be available to students on homebound instruction.

Homebound instruction is determined by district policy #2412 and #2412.1, regulation #2412 and individual student need.

Honor Code

Nutley High School believes that striving for academic excellence is dependent upon each

student's commitment to academic integrity. The pursuit of knowledge is the mission of the school and responsibility of each individual student. The faculty guides the academic growth, while the parents and greater community provide support. To maintain this focus on learning and the tradition of academic excellence at Nutley High School, the students, faculty, parents, and community members must stand in unison demonstrating high regard for learning and the personal academic integrity required for intellectual growth. This culture of learning can only flourish upon a solid foundation of personal and academic integrity, made up of honesty, trust, fairness, respect, and responsibility.

Career and Technical Education

Department Description

The 21st Century brings a time of “exploding knowledge”, rapid changes in technology, and a constantly changing worldwide marketplace. These changes require internationally competitive workers that are able to solve real problems (problem solving skills), are able to make intelligent connections between problems (critical thinking skills), and are prepared to change or modify career choices due to industry demands. It is the integration of technology and business that will provide students with the necessary skills to succeed in a rapidly changing world beyond their high school experience.

Career and Technical Education (CTE) courses are designed to provide opportunities for students to develop “career ready” practices. The Career and Technical Education Department offers a comprehensive, multi-level selection of courses designed for students interested in the ever-changing world of technology. Course offerings help students become lifelong learners and introduce them to:

- Academic subject matter taught with relevance to the real world.
- Employability skills, from job-related skills to workplace ethics.
- Financial literacy and business skills.
- Education pathways that help students explore interests and careers in the process of progressing through school.

Students are encouraged to participate in these courses within the Career and Technical Education Department that incorporate hands on exploration of traditional, historical, and current technological skills, business skills, and techniques. Courses are varied and include pathways in the area of Architecture, Business Education, Computer Science, Culinary Arts, Engineering, Industrial Arts, and Radio/TV Broadcast Technology. We also offer the students the opportunity to experience workplace readiness and receive on-the-job training through the Cooperative Education Work Experience, School Internship and Work Internship programs. We believe that Career and Technical Education courses provide rich opportunities for real-world learning experiences for all students.

Course Descriptions

Business

Course Title:	Financial Literacy	Course Number:	9L1FL
Grade(s):	9-12	Credits:	2.5
Prerequisites:	None	Length:	Half Year

Course Description:
<p>Financial Literacy is designed for students who want to attain money management skills and the financial knowledge needed to survive in a 21st Century economy.</p> <p>This course requires students to understand and apply concepts learned in order to (a) create and maintain monthly budgets, (b) research college costs and evaluate finance options, (c) explore careers, (d) maintain checking and savings accounts, (e) select an appropriate credit card, and (f) research and assess investment options.</p> <p>Students will develop and build skills through course lectures, class participation, hands-on demonstrations, as well as involvement in individual and group assignments and projects.</p> <p>Successful completion of this course will be measured through class discussions, lab assignments and projects, group presentations, quizzes, and tests.</p> <p>This course can be counted in fulfillment of the state-mandated two and a half (2.5) credits for the financial, economic, business, and entrepreneurial literacy graduation requirement.</p>

Course Title:	Fundamentals of Business and Personal Law	Course Number:	9L1BP
Grade(s):	9-12	Credits:	2.5
Core Requisites:	Must be taken with Financial Literacy	Length:	Half Year

Course Description:
<p>Fundamentals of Business and Personal Law is designed for students who have a desire to learn more about legal issues that will affect them in the present and in the future. It will acquaint students with basic legal principles common to business and personal issues. Ethics, the origin of law, our court system structure, contracting, buying and selling, employment, organizing a business, real estate, wills, trust, and marriage and divorce will be explored. Students will leave the course with an understanding of legal issues affecting their lives in today's world. They will leave the course with an understanding and preparedness to face future legal issues.</p>

Successful completion of this course is measured through active class participation and ongoing formal and informal assessment including tests/quizzes, research and writing, critiques, presentations, and compositions.

This course can be counted as partial fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Fundamentals of Investment Management	Course Number:	9L1IM
Grade(s):	9-12	Credits:	2.5
Core Requisites:	Must be taken with Financial Literacy	Length:	Half Year

Course Description:

Fundamentals of Investment Management is designed as an introductory experience in business and financial management and will explore topics related to stock market investment. Introduction and analysis of the dimensions of risk and return. Portfolio theory and its application in the management and performance evaluation of investment portfolios, financial concepts and methods of analysis. The time value of money and its relation to such concepts as net present value and internal rate of return; principles of valuation and financial markets. The use of capital budgeting, management of cash flow, and working capital management.

This course can be counted as partial fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Introduction to Business and Financial Management	Course Number:	9L1BF
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Introduction to Business and Financial Marketing is an introductory course designed to give students an overview of the Business Management, Marketing, and Finance career clusters. The course helps students prepare for the growing complexities of the business world by examining basic principles of business, marketing, and finance in addition to exploring key aspects of leadership, ethical and social responsibilities, and careers. Students' academic skills in communications, mathematics, and economics are reinforced with activities modeled in the context of business topics.

This course can be counted as fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

OR

This course can be counted in fulfillment of the state-mandated two and a half (2.5) credits for the financial, economic, business, and entrepreneurial literacy graduation requirement.

Course Title:	Marketing I	Course Number:	9L1MK
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

The Marketing I course is designed to meet the needs of students who have entered or are preparing to enter an occupation requiring competencies in marketing functions, including finance, market research, sales, and promotions. Marketing education addresses areas of merchandising, publicity, advertising, and provides experiences in the selling process. Benchmark assessments are employed to track individual student progress.

Successful completion of this course is measured through active class participation and ongoing formal and informal assessments including: research and writing, critique, presentations, and compositions.

This course can be counted as fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

OR

This course can be counted in fulfillment of the state-mandated two and a half (2.5) credits for the financial, economic, business, and entrepreneurial literacy graduation requirement.

Course Title:	Entrepreneurship	Course Number:	9L2EN
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Entrepreneurship is designed for students to expand their knowledge of business/marketing principles related to ownership and management of a business, traits and characteristics of successful entrepreneurs, and strategies of business management and marketing.

Topics covered include the characteristics of an entrepreneur, discovering entrepreneurial opportunities, and researching and analyzing domestic, global, and market trends.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Marketing Applications	Course Number:	9L2MK
Grade(s):	10-12	Credits:	5
Prerequisites:	Marketing I or Accounting I	Length:	Full Year

Course Description:

In Marketing Applications, students will learn more advanced concepts of marketing and develop original and creative ideas for a variety of business models and industries. Students will examine a variety of methods including sponsorships, event marketing, promotions, and endorsement contracts through assignments, projects, computer simulations, and group activities. Students will learn to manage a successful social media presence, techniques for gaining customer buy-in to achieve their marketing goals, and how to properly select the platforms to engage consumers and measure the results of their campaign efforts.

Successful completion of this course is measured through active class participation and ongoing formal and informal assessments including: research and writing, critique, presentations, and compositions.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Marketing Research Honors	Course Number:	9L3MK
Grade(s):	11-12	Credits:	5
Prerequisites:	Marketing Applications	Length:	Full Year

Course Description:

This course is designed to expose students to the theory and practice of marketing research. It provides an overview that highlights the importance of Marketing Research, different types of research, both secondary and primary, qualitative and quantitative, and the marketing research process. The course deals with levels of measurement and types of scales, as well as practical data collection issues of sampling and instrument design, data tabulation and analysis, the development of marketing conclusions and recommendations, and summarizing and communicating results.

Successful completion of this course is measured through active class participation and ongoing formal and informal assessments including: research and writing, critique, presentations, and compositions.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	International Business Practice Firm	Course Number:	9L1IB
Grade(s):	11-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

International Business Practice Firm is designed for students who want to develop the necessary skills to conduct a business using state-of-the-art technology including business equipment, computers, and telecommunication devices.

This course requires students to set up a cyber-business, designed to function like an actual business. Linked by technology, each company conducts all operations necessary to run a business including accounting, marketing, purchasing, web design, and human resources while cooperating with other business practice firms domestically and internationally.

Students will develop and build business skills by working with other business practice firms. Written and oral communication, critical thinking and problem solving strategies, and teamwork are all integral skills needed to be able to make decisions relating to the overall operation, growth, and success of the business. The culminating event is the students' participation in a trade show in New York City. Students design and construct a trade booth, purchase promotional items for customers, and use their excellent selling techniques to produce significant sales for their business.

Successful completion of this course will be measured by completing everyday tasks necessary for each department – accounting, purchasing, marketing, web design, and human resources.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Business Law	Course Number:	9L1LW
Grade(s):	11-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Business Law is designed for students who want to explore the legal world focusing on civil, contract, and criminal law. This course provides an insightful analysis of the many concepts, processes, and terms that are a part of the legal arena.</p> <p>This course requires students to examine, connect, and apply legal concepts to current cases.</p> <p>Students will develop and build skills by utilizing a higher level thinking process applicable to the legal issues discussed. Students will reason through these legal issues and apply their legal knowledge to each case. Students will create strategies for cases and apply these strategies in a logical manner.</p> <p>Successful completion of this course will be measured through tests and quizzes, class participation, small group projects, and homework assignments.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Accounting I	Course Number:	9L1AC
Grade(s):	9-12	Credits:	5
Prerequisites:	Acc. Algebra I at JHWMS, Advanced Algebra I at NHS or taken in conjunction with Advanced Algebra I at NHS	Length:	Full Year

Course Description:
<p>Accounting I provides students with the basic knowledge of accounting procedures, including analyzing and journalizing business transactions; constructing worksheets; calculating and recording adjusting entries; preparing financial statements; and finalizing the accounting cycle through closing entries. Special journals, subsidiary accounts and payroll reports and taxes will also be introduced. Emphasis is placed on service and merchandising businesses in a sole proprietorship or corporate setting.</p> <p>Successful completion of this course will be measured through tests, quizzes, class participation, small group projects, and homework assignments.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p> <p>OR</p>

This course can be counted in fulfillment of the state-mandated two and a half (2.5) credits for the financial, economic, business, and entrepreneurial literacy graduation requirement.
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Course Title:	College Preparatory Accounting Honors	Course Number:	9L2AC
Grade(s):	10-12	Credits:	5
Prerequisites:	Advanced Algebra II or higher OR taken in conjunction with Advanced Algebra II	Length:	Full Year

Course Description:
<p>College Preparatory Accounting Honors is designed for students who want to explore the business world through the preparation and analysis of accounting information. This course connects the corporate and business worlds to the function of accounting within those domains.</p> <p>This course requires students to reason through accounting data and use deductive analysis to arrive at logical business-based conclusions. Elevating the student's thinking process to the level of a real-world accountant is the focus of the course.</p> <p>Students will develop and build skills through accounting applications and analysis of financial statements and accounting information. Examining and connecting current events within the context of the accounting function expands the students' knowledge of accounting and how it fits into all businesses.</p> <p>Successful completion of this course will be measured through tests, quizzes, class participation, small group projects, and homework assignments.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation. Students may also acquire three (3) college credits in conjunction with Fairleigh Dickinson University.</p>

Course Title:	Fundamentals of Web Design	Course Number:	9L1WD
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Fundamentals of Web Design is designed for students who want to explore the mechanics of website creation and management.</p> <p>This course requires students to understand, apply, and utilize the overall production process surrounding website design. There is an emphasis on site layout, navigation and interactivity.</p>

Students will develop and build skills using html and web authoring software. Students will experience course content by the way of hands-on demonstrations, classroom discussion, individual and group web design projects.

Successful completion of this course will be measured by class participation, lab work, website critiques, quizzes, and tests, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Computer Science

Course Title:	Networking/IT Essentials	Course Number:	9L1IE
Grade(s)	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

IT Essentials is designed for students who want an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level Information and Communication Technology (ICT) professionals.

This course requires students to learn the core competencies in the latest hardware and software technologies. They will explore information security; learn safety and environmental issues and evaluate soft skills for career development. This course prepares students for CompTIA A+ certification.

Students will develop and build skills through a working knowledge of how computers operate, practical application of the skills and procedures needed for hardware and software installations, system upgrades, and troubleshooting techniques, as well as best practices in maintenance and safety.

Successful completion of this course will be measured through quizzes, tests, hands-on activities, and lab-based learning utilizing Cisco Packet Tracer, troubleshooting skills, and installation techniques of computers, peripheral devices, networks and security components.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Cisco I	Course Number:	9L1CI
Grade(s):	10-12	Credits:	5

Prerequisites:	None	Length:	Full Year
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Course Description:
<p>Cisco I provides the experience needed to help meet the growing demand for ICT professionals. The course helps prepare students for entry-level career opportunities, continuing education, and globally recognized Cisco certifications (CCENT™ certification for entry network technicians). Cisco I utilizes industry CCNA Discovery curriculum parts 1 and 2.</p> <p>This course requires students to set up a SOHO (small office home office) network to introduce basic networking concepts such as cabling, IP addressing, wireless, and security. It teaches students how to plan, deploy, and troubleshoot a small network while applying critical thinking and problem solving skills.</p> <p>Students will develop and build skills through a curriculum that offers an engaging learning experience for visual and kinetic learners. Many interactive activities are embedded in the courses to help reinforce student comprehension. Packet Tracer simulation-based learning activities promote the exploration of networking concepts.</p> <p>Successful completion of this course will be measured through quizzes, tests, hands-on activities, and lab-based learning utilizing Cisco Packet Tracer, troubleshooting skills, and installation techniques of computers, peripheral devices, networks and security components.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Cisco II Honors	Course Number:	9L1CI
Grade(s):	11-12	Credits:	5
Prerequisites:	Cisco I	Length:	Full Year

Course Description:
<p>Cisco II Honors provides the experience needed to help meet the growing demand for ICT professionals. The course helps prepare students for entry-level career opportunities, continuing education, and globally recognized Cisco certifications (CCENT™ certification for entry network technicians). This course is a continuation of Cisco I and utilizes parts 3 and 4 of the CCNA Discovery curriculum.</p> <p>This course requires students to apply critical thinking skills, analyze business objectives, determine technical requirements and constraints, plan timelines and resources, and prepare and deliver customer presentations.</p> <p>Students will build skills through a curriculum that offers an engaging hands-on learning experience using interactive activities to help reinforce student comprehension. Case studies</p>

provide critical and strategic thinking scenarios to help students develop soft skills. Packet Tracer simulation-based learning activities promote the exploration of networking concepts.

Successful completion of this course will be measured through quizzes, tests, hands-on activities, and lab-based learning utilizing Cisco Packet Tracer, troubleshooting skills, and installation techniques of computers, peripheral devices, networks and security components.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Culinary Arts

Course Title:	Culinary Arts	Course Number:	9L1CU
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Culinary Arts is designed for students who want to discover the world of food preparation. This course provides an introduction to the fundamental skills needed in the preparation of food.

This course requires students to gain an understanding of the safety, techniques, ingredients, and equipment used in the preparation of various foods. Students apply these fundamentals through the planning and preparation of attractive and nutritious meals.

Students will develop and build skills through guided-practice and in-class projects. Areas of concentration include recommended methods of safety and sanitation, time management skills, proper knife utilization, and the development of both teamwork and individual leadership skills while preparing a variety of recipes.

Successful completion of this course will be measured through in-class participation, individual and group work, teamwork, quizzes, tests, a final meal preparation and presentation, and a final exam.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Advanced Culinary Arts	Course Number:	9L2CU
Grade(s):	11-12	Credits:	5
Prerequisites:	Culinary Arts and Teacher Recommendation	Length:	Full Year

Course Description:
<p>Advanced Culinary Arts is designed for students who want to continue their discovery into the world of Culinary Arts. This course builds upon the fundamental skills and techniques learned in Culinary Arts.</p> <p>This course requires students to apply their understanding of the safety, techniques, ingredients, and equipment used in the planning and preparation of large catered events throughout the school year.</p> <p>Students will expand on the competencies gained in the prerequisite course by maintaining their capability to work within a team while an emphasis is placed on the students' leadership abilities. Students complete large-scale projects and catering duties and begin to develop an understanding of efficient food purchasing and storage techniques. Various careers within the industry are identified.</p> <p>Successful completion of this course will be measured through in-class participation and performance, individual and group work, teamwork, quizzes, tests, and leadership capabilities.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Hospitality Management	Course Number:	9L3CU
Grade(s):	12	Credits:	5
Prerequisites:	Advanced Culinary Arts and Teacher Recommendation	Length:	Full Year

Course Description:
<p>Hospitality Management is designed for students who want to discover the world of Hospitality Management. This course provides an introduction to the fundamental skills needed in the area of food service and hospitality management.</p> <p>This course introduces students to the competencies required to carry out the responsibilities of a hospitality manager. Students will utilize sound guidelines and a practical approach to operating a food service establishment. Students apply these fundamentals through the planning and execution of day-to-day culinary arts recipes and various catered events.</p> <p>Students will develop and build skills through guided-practice and in-class projects. Areas of concentration include menu planning, purchasing, forecasting, leadership, and interpersonal skills. Students will gain knowledge of the best practices and procedures for customer service, hospitality management, and motivating others.</p>

Successful completion of this course will be measured through in-class participation and performance, individual and group work, teamwork, quizzes, tests, and leadership capabilities.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Industrial and Engineering Arts

Course Title:	Introduction to Engineering Design	Course Number:	9L1ED
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Introduction to Engineering Design will provide students with the opportunity to dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and will use an engineering notebook to document their work.

Successful completion of this course will be measured through class interaction, lab assignments and projects, group presentations, quizzes, and tests.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Introduction to Drafting & Design	Course Number:	9L1DD
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Introduction to Drafting & Design is designed for students who want to discover the world of technical drawing. This course provides an introduction to the fundamental skills needed in the design field, provides a solid foundation for all advanced classes, and reinforces related 21st Century Life and Career Skills.

This course requires students to learn the technical language fundamental to all design fields, establish a disciplined drawing technique using recognized drafting instruments, and apply related mathematics skills.

Students will build skills through the practical application of course content by way of hands-on demonstrations, classroom discussions and critiques, and by analyzing and solving typical drafting problems utilizing both traditional drafting equipment and high tech Computer Aided Drafting programs.

Successful completion of this course will be measured through class participation, technical proficiency, peer review critiques, quizzes, tests, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Practical Electricity	Course Number:	9L1EE
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Practical Electricity is designed to provide a comprehensive, content-filled introduction to basic electrical theory, circuit fundamentals, and practical wiring techniques. Special emphasis is placed on the many different ways electricity affects our everyday living.

This course requires students to recognize and apply various component parts, techniques, and operations to ensure an understanding of basic principles of electricity and their practical applications. Required areas of concentration include component symbols, schematic diagrams, electrical components, electrical circuit fundamentals, circuit testing, and troubleshooting, measuring instruments, national electrical code, residential wiring concept, shop maintenance, and safety. School-to-work related skills are introduced.

Students will develop and build skills through the practical application of course content by way of hands-on activities, demonstrations, classroom discussions, and individual and/or group projects.

Successful completion of this course will be measured by class participation, class performance, quizzes, tests, and a final project.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Electronics	Course Number:	9L2EE
Grade(s):	10-12	Credits:	5
Prerequisites:	Practical Electricity	Length:	Full Year

Course Description:
<p>Electronics is designed for students who want to explore this complex field. Students are provided with an introduction to the basic principles of electronics. Emphasis is placed on the effects of electronics on our everyday living in the 21st Century.</p> <p>This course requires students to recognize and apply a variety of techniques and operations to ensure an understanding of basic electronic principles and their practical applications. Required areas of concentration include electron theory, reading component symbols, interpreting circuit schematic diagrams, component identification, Ohm's Law, resistor color coding, electromagnetism, circuit construction on breadboards, soldering techniques, DC and AC circuits, analog and digital systems, test equipment, circuit testing and troubleshooting, shop maintenance, and safety.</p> <p>Students will develop and build skills through practical application of course content by way of hands-on activities, demonstrations, classroom discussions, and individual and/or group projects.</p> <p>Successful completion of this course will be measured by class participation, class performance, quizzes, tests, and a final project.</p> <p>This can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Metalworking	Course Number:	9L1MW
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Metalworking is designed for students who want to explore the world of working with metals. This course provides an introduction to the basic skills, techniques, procedures, and processes used in the metalworking trade.</p> <p>This course requires students to recognize and apply a variety of techniques and operations to ensure an understanding of basic metalworking processes. Required areas of concentration include material identification, blueprint reading, project development, measurement, portable hand tools, introductory machining operations, introductory welding techniques, shop maintenance, and safety. School-to-work related skills are introduced.</p> <p>Students will develop and build skills through practical application of course content by way of hands-on activities, demonstrations, classroom discussions, and individual and/or group projects.</p> <p>Successful completion of this course will be measured by class participation, class performance, quizzes, tests, and a final project submission.</p>

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Woodworking	Course Number:	9L1WW
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Woodworking is designed for students who want to become familiar with the properties of wood and allied materials. Machine operations and project assignments are covered on an introductory-type basis.

This course requires students to work at an appropriate pace that promotes speed and accuracy to creating small craft type projects while adhering to national machine safety standards. Students will be required to interpret and create working and technical drawings, cut lists, and bills of material.

Students will develop and build skills through practical application of course content by way of hands-on demonstrations, classroom discussions, and design and construction of individual project-based assignments.

Successful completion of this course will be measured by completed projects, class participation, quizzes, tests, and adherence to daily shop cleanup duties and safety rules.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Carpentry	Course Number:	9L2WW
Grade(s):	10-12	Credits:	5
Prerequisites:	Woodworking	Length:	Full Year

Course Description:

Carpentry is the second course in the woodworking series where students will refine their previously learned skills. Machine operations and project assignments are covered in greater detail. Emphasis is placed on cooperative group projects, team building, and leadership.

This course requires students to work at an appropriate pace that promotes speed and accuracy to creating large scale and mass production projects while adhering to national

machine safety standards. Students will apply their knowledge of working and technical drawings, cut lists, and bills of material to draft their own plans, create tooling, gauges, scaled models, and full-sized products to very high tolerances.

Students will develop and build skills through practical application of course content by way of hands-on activities, demonstrations, classroom discussions, and individual and/or group projects.

Successful completion of this course will be measured by class participation, class performance, quizzes, tests, and final projects submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Introduction to Industrial Arts	Course Number:	9L1IA
Grade(s):	9-12	Credits:	5
Prerequisites:	Teacher Recommendation	Length:	Full Year

Course Description:

Introduction to Industrial Arts will provide a hands-on opportunity for students to develop a foundational understanding of woodworking, metalworking, and practical electricity. Emphasis is placed on real-world application of industrial arts on our everyday lives in the 21st Century.

This course requires students to recognize and apply a variety of techniques and operations to ensure an understanding of basic principles in each discipline and their practical applications.

Students will develop and build skills through practical application of course content by way of hands-on activities, demonstrations, classroom discussions, and individual and/or group projects.

Successful completion of this course will be measured by class participation, class performance, quizzes, tests, and a final project.

This can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Digital Systems and Technology	Course Number:	9L1DS
Grade(s):	9-12	Credits:	2.5
Core Requisites:	Coordinator Recommendation	Length:	Half Year

Course Description:
Digital Systems and Technology is designed as a survey class introducing the principles of workflow management. Students will learn accounting procedures, workplace organization as well as elementary design and presentation skills including social media.
This course will meet for one semester or two marking periods and can be counted in partial fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

TV/Radio Broadcasting

Course Title:	Radio/TV Broadcast Technology I	Course Number:	9L1TV
Grade(s):	10-11	Credits:	5
Prerequisites:	English grade of B+ or better Interview with Instructor	Length:	Full Year

Course Description:
Radio/TV Broadcast Technology I is designed to introduce students to the fundamentals of the broadcasting field. Script writing, evolution of television, graphics, and the technical aspects of studio production will be covered in this 21 st Century media pathway.
This course requires students to create team cooperation, individual responsibility, and understand the realities of career-related practical application in remote and studio production.
Students will develop and build skills through producing and directing commercials, demonstrations, public service announcements, and a 3-5 minute interview. Each student will fully understand a crew assignment on a production team.
Successful completion of this course will be measured by class participation, practical production assignments, quizzes, tests, and completed production projects.
This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Radio/TV Broadcast Technology II	Course Number:	9L2TV
Grade(s):	11-12	Credits:	5

Prerequisites:	Radio/TV Broadcast Technology I and Instructor Recommendation	Length:	Full Year
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Course Description:
<p>Radio/TV Broadcast Technology II is designed for students who want to produce and direct live campus news and sports programming while learning about and utilizing 21st century technology.</p> <p>This course requires students to routine and prepare show segments on remote and studio locations. Technical and production concepts learned in Radio/TV Broadcasting Production I will be employed in content that is aired on local cable access stations. Students will design, analyze, and self-evaluate according to broadcast standards set by local cable outlets. All news and sports programming will meet FCC Broadcasting standards before being aired on local cable stations.</p> <p>Students will develop and build skills through application of course content in hands-on assignments. Students will produce Electronic Journalism field packages that will be segmented into a live studio production. Each student will employ on-air talent skills and post-production non-linear editing techniques.</p> <p>Successful completion of this course will be measured by class participation, production work assignments, quizzes, tests, semester production log hours, and a final portfolio submission.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation. Seniors are eligible to earn three (3) college credits at Rider University through curriculum standards and maintaining a B average.</p>

Course Title:	Radio/TV Broadcast Technology III Honors	Course Number:	9L3TV
Grade(s):	12	Credits:	5
Prerequisites:	Radio/TV Broadcasting Production II and Instructor Recommendation	Length:	Full Year

Course Description:
<p>Radio/TV Broadcast Technology III Honors is designed for students who want to explore the media pathway in public relations and community affairs while incorporating 21st Century technology.</p> <p>This course requires students to identify and perform the role of electronic news gathering while adhering to post-production deadlines. Students will work independently while</p>

infusing technical and production concepts learned in Radio/TV Broadcasting Production II. Students will work collaboratively in producing and directing school, community, and civic projects. All students must meet FCC Broadcast guidelines in network news and sports programming.

Students will develop skills learned in previous broadcast courses through practical application of course content while completing hands-on assignments. Students will produce Electronic Journalism field packages that will be segmented into a live studio production. Each student will employ on-air talent skills and post-production non-linear editing techniques.

Successful completion of this course will be measured by class participation, production work assignments, quizzes, tests, semester production log of hours, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Practical Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation. Seniors are eligible to earn three (3) college credits at Rider University through curriculum standards and maintaining a B average.

Work and Internship Experiences

Course Title:	Work Study	Course Number:	9L1WE
Grade(s):	12	Credits:	15
Prerequisites:	Employment by September 1	Length:	Full Year

Course Description:

Cooperative Work Experience is open to seniors who have reached their 16th birthday. Students seek part-time employment and must work 540 hours during the school year. This position must be paid and students must receive a pay stub to submit for an official record of hour, and students must work in Nutley or a bordering town. This course requires the application of classroom instruction in a practical setting. Students must work a minimum of 15 hours per week (not to exceed 33) and adhere to all employer policies and procedures. If a student loses employment through the course of the year, they find a new position in a timely manner in order to not lose credit. Students working on an off-campus work site must provide their own transportation. Working papers are required for those under 18.

Students will build or develop workplace skills, comply with workplace safety regulations, explore career opportunities, and gain employability through experience. They will develop personal interests and activities that support career goals and plans.

Successful completion of this course will be measured by submitting and recording of hours and gross wage earnings. In addition, students will be closely monitored and evaluated by both the employer and Cooperative Experience Coordinator. The coordinator will visit each student on an individual basis at their place of employment. Students must receive a favorable rating from the employer that reflects appropriate workplace behavior such as attendance, punctuality, effective completion of assigned tasks, conformity to rules and regulations, and adherence to workplace safety measures.

This course can be counted in partial fulfillment of the *120-credit graduation requirement.

Course Title:	Tomorrow's Teachers	Course Number:	9L1TT
Grade(s):	12	Credits:	10
Prerequisites:	B or better in English III C or better in AP English III	Length:	Full Year

Course Description:

Tomorrow's Teachers is designed for students who want to job sample in the district's elementary or middle schools. This course requires students to perform various tasks as directed by the various district classroom teachers and staff. The purpose of this course is to provide students with realistic, unpaid, job sampling experiences to enable them to make realistic post-secondary career decisions.

Students will develop skills through interacting with classroom teachers, faculty, and students. Successful completion of this course will be measured through weekly journals completed by the students, presentations, workplace mentor evaluations, observations, and Structured Learning Experience Teacher observations. This course will require students to wear a school issued uniform and district issued ID while on the job site.

Students in this course will receive a letter grade, will meet as a class during the week, and will be required to take a final exam. Students that qualify may be able to earn credits from Kean University as a dual enrollment course. This can be counted in partial fulfillment toward the *120-credit graduation requirement.

Course Title:	Vocational Experiences	Course Number:	9L1VE
Grade(s):	11-12	Credits:	15
Prerequisites:	Coordinator Recommendation	Length:	Full Year

Course Description:
<p>Vocational Experiences is designed for students who want to job sample in community-based employment. This course requires students to perform various tasks as directed by the mentors at the community-based employment locations. The purpose of this course is to provide students with realistic, unpaid, job sampling experiences to enable them to make realistic post-secondary career decisions.</p> <p>Students will develop skills through interacting with business employees or classroom teachers and students. Students will engage in numerous activities including clerical, shelf-blocking, and/or assisting with numerous activities and tasks as indicated by the workplace mentor.</p> <p>Successful completion of this course will be measured through workplace mentor evaluations and Structured Learning Experience Teacher observations.</p> <p>This course can be counted in partial fulfillment toward the *120-credit graduation requirement.</p>

Course Title:	Hospital Work Internship	Course Number:	9L1HI
Grade(s):	12	Credits:	15
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Work Internship is an internship designed for students who want to job sample in a medical center (Clara Maass Medical Center) environment. This course requires students to perform various tasks in several departments at the medical center under the direct supervision of a medical center mentor. The purpose of this course is to provide students with realistic, unpaid, job sampling experiences to enable them to make realistic post-secondary career decisions.</p> <p>Students will develop skills through interacting with numerous medical center employees and patients (where applicable). Students must participate in an employee orientation program sponsored by the Human Resources Department and be medically cleared by the patient care department prior to joining the course. The orientation reviews safety rules and regulations and patient confidentiality issues are discussed at length. Students must wear a regulation golf shirt with the Clara Maass/St. Barnabas logo and dark or tan khaki slacks. Students will adhere to all medical center policies. Students are required to wear a medical center student volunteer identification badge.</p> <p>Successful completion of this course will be measured through weekly journals completed by the students, workplace mentor evaluations, job coach comments and observations, and transition coordinator or Structured Learning Experience Teacher observations.</p>

This course can be counted in partial fulfillment toward the *120-credit graduation requirement. Students will receive a pass/fail grade for this course.

Course Title:	Office Skills	Course Number:	9L1OS
Grade(s):	9-12	Credits:	5
Prerequisites:	Coordinator Recommendation	Length:	Full Year

Course Description:

Office Skills is designed for students who would like to assist in the various offices and/or the Media Center at Nutley High School. This course requires students to participate in numerous clerical tasks including collating, filing, photocopying, delivering messages, sorting, and other miscellaneous projects, as needed.

Students will develop skills through interacting with the secretarial staff, faculty, and students while participating in this course. Students will engage in numerous activities as designated by the secretarial staff or librarian on a daily basis. Activities may vary from day-to-day. Students will be required to sign in at a designated area in each office.

Successful completion of this course will be measured through workplace mentor evaluations (four times a year) and teacher observation.

This course can be counted in partial fulfillment toward the *120-credit graduation requirement.

English

Department Description

The English Language Arts Department at Nutley High School strives to develop knowledge, skills, and strategies for students in the areas of reading, writing, speaking, listening, and language. Teachers will support, coach, and guide their students as they engage in varied collaborative and independent activities. Students will strengthen and refine their skills as readers and writers, while reading and writing with increased rigor and depth. Students will participate in whole class and/or book club experiences as they analyze ideas within and across various texts and genres while utilizing text-based evidence to assert a claim and uncover their thinking about complex ideas. Students will study the work of mentor authors and have opportunities for choice as they explore the writing process while writing arguments, narratives, and explanatory/informational pieces. Classroom activities will help prepare students for the demands of college, business, and life in a democratic society by providing them opportunities to think logically and express themselves clearly. The stimulation of each student's curiosity, creativity, and imagination through the study of various texts will assist students in making connections to their own existence.

Course Descriptions

Course Title:	English I	Course Number:	3L1EN
Grade(s):	9	Credits:	5
Prerequisites:	Grade 8 English	Length:	Full Year

Course Description:
English I provides students with an opportunity to engage in all five elements of language arts: reading, writing, speaking, listening, and language.
Throughout this course, students will explore, analyze, and synthesize ideas across a wide range of texts in varied genres. As a reader, students will take part in the following unit explorations: Research (Student Choice), Multiple Perspectives in Literature, Historical Fiction Book Clubs, and Narrative Nonfiction Book Clubs. As a writer, students will take part in the following unit explorations: Informational: Writing About Topics of Interest, Literary Essay, Argument: Writing About Social Issues, and Narrative Nonfiction Essay.
Students will strengthen their literacy skills through independent and shared experiences. During these independent and collaborative experiences, students will continue to develop and strengthen literacy skills through reflective discussions, critical analysis of varied texts, refinement of research skills, writing with structure, elaboration, detail, voice, and conventions of standard English, including vocabulary, grammar, usage, and punctuation.

Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as readers and writers.

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	English I Honors	Course Number:	3L1EN
Grade(s):	9	Credits:	5
Prerequisites:	Teacher Recommendation State & Local Assessment Data Grade Average of 95 or higher	Length:	Full Year

Course Description:

English I Honors provides students with an opportunity to engage in all five elements of language arts: reading, writing, speaking, listening, and language.

Throughout this course, students will explore, analyze, and synthesize ideas across a wide range of texts in varied genres, while exploring thematic connections. As a reader, students will take part in the following unit explorations: Reading the World and Thinking about Literature, Identity & Society, Reading Rhetoric and Argument, and Ethics. As a writer, students will take part in the following unit explorations: Writing Literary Analysis Essays, Writing Personal Narratives on Identity, Writing Rhetorical Analysis, and Writing Synthesis Argument.

Students will strengthen and refine their literacy skills through independent and shared experiences. During these independent and collaborative experiences, students will engage in reflective discussions, critical analysis of varied texts, refinement of research skills, writing with structure, elaboration, detail, voice, and conventions of standard English, including vocabulary, grammar, usage, and punctuation.

Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as readers and writers.

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	English II	Course Number:	3L2EN
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Grade(s):	10	Credits:	5
Prerequisites:	English I	Length:	Full Year

Course Description:			
<p>English II provides students with an opportunity to engage in all five elements of language arts: reading, writing, speaking, listening, and language.</p> <p>Throughout this course, students will explore, analyze, and synthesize ideas across a wide range of texts in varied genres. As a reader, students will take part in the following unit explorations: Researching Controversial Topics, The Power of Language, Dystopian Fiction Book Clubs, and Hero's Journey Book Clubs. As a writer, students will take part in the following unit explorations: Informative Writing, Rhetorical Analysis, Issues in Dystopia: Argumentative Writing, and Narrative Short Story (Stories of Heroism).</p> <p>Students will strengthen and refine their literacy skills through independent and shared experiences. During these independent and collaborative experiences, students will engage in reflective discussions, critical analysis of varied texts, refinement of research skills, writing with structure, elaboration, detail, voice, and conventions of standard English, including vocabulary, grammar, usage, and punctuation.</p> <p>Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as readers and writers.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.</p>			

Course Title:	English II Honors	Course Number:	3L2EN
Grade(s):	10	Credits:	5
Prerequisites:	Teacher Recommendation State & Local Assessment Data Grade Average of 85 or higher in English I Honors, or Grade Average of 90 or higher in English I	Length:	Full Year

Course Description:			
<p>English II Honors provides students with an opportunity to engage in all five elements of language arts: reading, writing, speaking, listening, and language.</p> <p>Throughout this course, students will explore, analyze, and synthesize ideas across a wide range of texts in varied genres, while exploring thematic connections. As a reader, students</p>			

will take part in the following unit explorations: Language & Power, Dystopian Fiction, Ambition, Restraint, & Rebellion, and Cultures in Conflict. As a writer, students will take part in the following unit explorations: Literary Synthesis (Informative), Writing Dystopian Short Fiction, Rhetorical Analysis (Argument), and Research (Informative).

Students will strengthen and refine their literacy skills through independent and shared experiences. During these independent and collaborative experiences, students will engage in reflective discussions, critical analysis of varied texts, refinement of research skills, writing with structure, elaboration, detail, voice, and conventions of standard English, including vocabulary, grammar, usage, and punctuation.

Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as readers and writers.

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	English III	Course Number:	3L3EN
Grade(s):	11	Credits:	5
Prerequisites:	English II	Length:	Full Year

Course Description:

English III provides students with an opportunity to engage in all five elements of language arts: reading, writing, speaking, listening, and language.

Throughout this course, students will explore, analyze, and synthesize ideas across a wide range of texts in varied genres. As a reader, students will take part in the following unit explorations: Reading Multiple Perspectives (Multi-Genre), Book of Merit Book Clubs, Multi-Genre Texts: Thematic Connections, and Reading Drama. As a writer, students will take part in the following unit explorations: Writing From Varied Perspectives, Argument Writing: Critical Analysis in Everyday Life, Literary Analysis/Multi-Genre Capstone, Writing a One-Act Play, and Narrative Nonfiction Essay.

Students will strengthen and refine their literacy skills through independent and shared experiences. During these independent and collaborative experiences, students will engage in reflective discussions, critical analysis of varied texts, refinement of research skills, writing with structure, elaboration, detail, voice, and conventions of standard English, including vocabulary, grammar, usage, and punctuation.

Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as readers and writers.

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	AP English III: Language and Composition	Course Number:	3L3EN
Grade(s):	11	Credits:	5
Prerequisites:	Teacher Recommendation B or higher in English II Honors A or higher in English II AP Recommendation Form Interview	Length:	Full Year

Course Description:

English III AP Language and Composition is designed for students who want to write about a variety of subjects and demonstrate an awareness of audience and purpose. Additionally, students will learn to identify the dynamics of a writer's purpose, stylistic choices, and employment of generic conventions and resources of language to analyze the overall contribution to effectiveness in writing.

This course requires students to evaluate and synthesize style and meaning from a variety of texts, as well as to comprehend, discuss, and write university-level literary analysis.

Students will develop skills from a variety of assessments, all of which will require a wide-ranging vocabulary used appropriately and effectively; a variety of sentence structures, including appropriate use of subordination and coordination; logical organization, enhanced by specific techniques to increase coherence, such as repetition, transitions, and emphasis; a balance of generalization and specific illustrative detail; an effective use of rhetoric, including controlling tone, establishing and maintaining voice, and achieving appropriate emphasis through diction and sentence structure; and a depth of insight and analysis that relates a central claim or thesis to a larger and more meaningful global connection.

Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured through the students' ability to analyze and interpret samples of quality writing; identify and explain an author's use of rhetorical strategies and techniques; apply effective strategies and techniques in their own writing; create and sustain arguments based on readings, research, and/or personal experience; write for a variety of purposes; produce expository, analytical, and argumentative compositions that introduce a complex central idea and develop it with appropriate evidence drawn from primary and/or secondary sources, cogent explanations, and

clear transitions; demonstrate understanding and mastery of standard written English as well as stylistic maturity in their own writings; demonstrate understanding of the conventions of citing primary and secondary sources; work through the stages of the writing process with careful attention paid to inquiry and research, drafting, revising, editing, and review. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Project Acceleration credits are available in conjunction with Seton Hall University.

Course Title:	English IV	Course Number:	3L4EN
Grade(s):	12	Credits:	5
Prerequisites:	English III	Length:	Full Year

Course Description:

English IV provides students with an opportunity to engage in all five elements of language arts: reading, writing, speaking, listening, and language.

Throughout this course, students will explore, analyze, and synthesize ideas across a wide range of texts in varied genres. As a reader, students will take part in the following unit explorations: Cross Cultural Book Clubs, Research: Author's Background & Cultural Connections, Reading Complex Texts, Ethics, Morality, and Law Study: Fiction & Nonfiction. As a writer, students will take part in the following unit explorations: Literary Synthesis (Analysis of Author's Perspective in Connection to Novel), Writing Argument, Informational Writing (Speeches), and Coming of Age Narrative.

Students will strengthen and refine their literacy skills through independent and shared experiences. During these independent and collaborative experiences, students will engage in reflective discussions, critical analysis of varied texts, refinement of research skills, writing with structure, elaboration, detail, voice, and conventions of standard English, including vocabulary, grammar, usage, and punctuation.

Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as readers and writers.

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	AP English IV: Literature and Composition	Course Number:	3L4EN
Grade(s) :	12	Credits:	6
Prerequisites:	Teacher Recommendation B or higher in English III AP A or higher in English III AP Recommendation Form Interview	Length:	Full Year

Course Description:
<p>AP English Literature and Composition is designed for students who want to read, research, analyze, discuss, and write about a wide range of complex texts that span a variety of eras and literary genres. Students will react to the literature with a deeply engaged critical lens, allowing them to analyze and express their thoughts clearly and concisely both in speaking and writing at the university level. A substantial portion of the course will be devoted to poetry. Students will engage in frequent practice and skill-building in identifying literary devices, along with the ability to explain how these devices function in bringing meaning to the verse. Students will also deepen their understanding of how writers use language to bring meaning to their work through study and analysis of literary structure, themes, syntax, diction style, and figurative language. Students will also reflect deeply on the historical and social context of literature as a means to aid their interpretive analysis. Reading of all text types, including fiction and informative, is close, careful, and deliberate. Writing will be continual and frequent with an emphasis on analytical writing as well as narrative and informative writing at the university level.</p> <p>Throughout the course, the instructor(s) will provide continual feedback to the students and provide support for individual growth and achievement. Successful completion of this course will be measured through students' ability to read, speak, listen, and write at the university level.</p> <p>In order to be admitted to AP English Literature and Composition, students must obtain a recommendation form and schedule an interview with the instructor. This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation. Students are required to take the AP exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p>

Course Title:	Journalism I	Course Number:	3L1JN
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>This full year course offers students a hands-on introduction to all aspects of journalism and provides them with opportunities to publish in digital and non-digital arenas. Students will learn basic reporting skills such as: generating story ideas, utilizing probing questions to collect data, conducting effective interviews, determining how to analyze and synthesize information, and writing on a deadline. Students in this course will become more aware of current events and important issues within the school community and the world while evaluating the ways in which stories are developed and presented in print and electronic media.</p> <p>Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments/assignments that require students to apply their learning as writers of journalism.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>

Course Title:	Journalism II	Course Number:	3L2JN
Grade(s):	10-12	Credits:	5
Prerequisites:	Journalism I Teacher Recommendation	Length:	Full Year

Course Description:
<p>This full year course offers students the opportunity to continue their commitment to create digital and non-digital publications for our school community. It is open to students who have completed Journalism I and have also received a teacher recommendation from the course instructor. These upper level staff members will take on increased responsibilities for the publications, acting as leaders for their peers, while learning more nuanced details about the "ins" and "outs" of reporting, editing, and producing.</p> <p>Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments/assignments that require students to apply their learning as writers of journalism.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>

Course Title:	Creative Writing	Course Number:	3L1CH
Grade(s):	10-12	Credits:	2.5
Prerequisites:	None	Length:	Half Year

Course Description:	
<p>This course offers students the opportunity to express their unique thoughts and original ideas as they craft fiction and nonfiction pieces, including self-selected topics of interest. To support students as they begin to develop their own unique voices as writers, students will read, interpret, and analyze a variety of poems, nonfiction texts, and fictional works by a variety of authors while gaining a sound understanding of the elements and forms of writing to inspire and inform their own writing decisions.</p> <p>Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as writers.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the 120-credit graduation requirement.</p>	

Course Title:	Film Analysis & Screenwriting	Course Number:	3L1SW
Grade(s):	10-12	Credits:	2.5
Prerequisites:	None	Length:	Half Year

Course Description:	
<p>This course offers students the opportunity to critically examine a wide array of films and television shows across multiple genres, countries, and eras. Students will practice the skills necessary to “read” a film in order to come to new understandings about the social, political, and artistic impacts of film on our society. Additionally, students will analyze screenplays in order to interpret how authors write for a visual medium. Students will culminate their learning through the creation of their own original screenplays.</p> <p>Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as viewers and writers.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the 120-credit graduation requirement.</p>	

Course Title:	Public Speaking, Argument, and Debate	Course Number:	3L1PS
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:			
<p>This full year course offers students an opportunity to strengthen their public speaking and debating skills. Students will engage in a study of the art of public speaking, argument, and debate, as well as an exploration of varied strategies, methodologies and rhetorical devices to inform delivery and presentation. Students will research, practice, and partake in varied experiences as they assert their perspectives with confidence and clarity. Throughout the course, students will have an opportunity to explore self-selected topics, as well as investigate and debate issues that are relevant to their community and the world in which they live.</p> <p>Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments/assignments that require students to apply their learning as public speakers and debaters.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>			

Course Title:	ELA Strategies	Course Number:	3L2LS
Grade(s):	11	Credits:	5
Prerequisites:	Teacher Recommendation Grade 10 ELA NJSL Score	Length:	Full Year

Course Description:			
<p>ELA is designed to provide preventive remediation for students who have been identified as less than proficient on the Grade 10 Language Arts NJSL Assessment. An English strategies course is taken in addition to another required English course.</p> <p>Students will strengthen their skills in the areas of reading and writing through targeted instruction. Teachers will use assessment data to support students with the comprehension and analysis of complex texts in varied genres by providing students with specific strategies to improve their ability to think deeply and critically, as well as write about their reading. Students will also work on strategies to strengthen their ability to craft narrative, informational, and argument texts that are well-structured, effectively developed, and follow conventional rules.</p>			

Successful completion of this course will be measured by student participation in individual, small group, and whole-class discussions/activities, as well as larger assessments that require students to apply their learning as readers and writers.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	SAT Preparation 11	Course Number:	3L1TP
Grade(s):	11	Credits:	None
Prerequisites:	None	Length:	Winter (4 weeks) Spring (4 weeks)

Course Description:

SAT Preparation 11 is designed for students who want to have a thorough grounding in standardized test-taking strategies that help them succeed on the Scholastic Aptitude Test (SAT), as well as on multiple-choice tests similar to the SAT. It serves as a review of the basic cognitive and analytical verbal/mathematical skills that the SAT is designed to test. Instruction followed by guided practice is the foundation of the course. This course is designed for juniors who plan to take the SAT in the spring.

This course requires students to apply critical thinking skills, problem-solving techniques and strategies, fundamental mathematical principles to unfamiliar problems, and knowledge of successful study and reading strategies.

Students will build skills by assessing strengths and weaknesses in testing skills and strategies to personalize instruction, differentiating among strategies necessary to complete standardized tests, and becoming familiar with test design and directions, answer sheets, and different types of questions by taking sample tests.

Successful completion of this course will be measured by attendance and participation in daily lessons for a four-week period. Students will receive a pass/fail grade for this course.

Course Title:	SAT Preparation 12	Course Number:	3L2TP
Grades:	12	Credits:	None
Prerequisites:	None	Length:	Fall (4 weeks)

Course Description:

SAT Preparation 12 is designed for students who want to have a thorough grounding in standardized test-taking strategies that help them succeed on the Scholastic Aptitude Test (SAT), as well as on multiple-choice tests similar to the SAT. It serves as a review of the basic cognitive and analytical verbal/mathematical skills that the SAT is designed to test.

Instruction followed by guided practice is the foundation of the course. This course is designed for seniors who plan to take the SAT in the fall to complete the college application process.

This course requires students to apply critical thinking skills, problem-solving techniques and strategies, fundamental mathematical principles to unfamiliar problems, and knowledge of successful study and reading strategies.

Students will build skills by assessing strengths and weaknesses in testing skills and strategies to personalize instruction, differentiating among strategies necessary to complete standardized tests, and becoming familiar with test design and directions, answer sheets, and different types of questions by taking sample tests.

Successful completion of this course will be measured by attendance and participation in daily lessons for a four-week period. Students will receive a pass/fail grade for this course.

English as a Second Language (ESL)

Department Description

Nutley Public Schools' ESL Department believes that students should participate and communicate successfully in a pluralistic society. Language and culture are the foundation of human experience. We believe that all students must develop and maintain proficiency in English and in at least one other language. Students from non-English speaking backgrounds that are identified as Limited English Proficient (LEP) are provided opportunities to develop linguistic, cognitive, and socio-cultural proficiencies in the English language.

The ESL curriculum provides a sequential program of communication-based English instruction in preschool through grade 12. We believe that language is acquired through meaningful interactive experiences enriched by culturally authentic content. Through English language instruction, students are provided opportunities to reach out to others across cultural and linguistic boundaries.

Instruction is characterized by progressive learning in developing relevant themes and meaningful tasks involving listening, speaking, reading, and writing. Instruction is based on inquiry, solving real-life problems, and application of concepts. We believe that an appreciation of a student's learning style is necessary for success in language learning.

The ESL curriculum, which infuses the WIDA standards for English Language Learners to the Common Core State Standards, explores themes across content areas and makes connections to the multicultural dimensions of the 21st Century, fostering a greater respect for ethnic differences, and an understanding of world cultures.

Course Descriptions

Course Title:	ESL Beginner 1 Reading	Course Number:	7L1BR
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of entering.	Length:	Full year

Course Description:
ESL Beginner 1 Reading is designed for English Language Learners who can process, understand, produce, or use pictorial or graphic representation of the language of the content areas or general language related to the content areas.

This course requires students to focus on the development of reading skills at the most basic level with an emphasis on vocabulary building, grammar, syntax, mechanics, and pronunciation. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students must take this course and ESL Beginner Writing together as a two-period daily block.

Students will develop and build skills by reading a variety of challenging books and magazines in addition to using software designed for English Language Learners.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	ESL Beginner 1 Writing	Course Number:	7L1BW
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of entering.	Length:	Full year

Course Description:

ESL Beginner Writing is designed for English Language Learners who can process, understand, produce, or use pictorial or graphic representation of the language of the content areas or general language related to the content areas.

This course requires students to focus on the development of writing skills at the most basic level with an emphasis on vocabulary usage, grammar, syntax, mechanics, and literary terminology. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students must take this course and ESL Beginner Reading together as a two-period daily block.

Students will develop as writers by responding to writing prompts, responding to text questions, and through the development of multi-paragraph essay writing skills.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners),

internal assessments (common assessments in all content areas), and external assessment (NJSLs).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	ESL Beginner 2 Reading	Course Number:	7L2BR
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of emerging.	Length:	Full year

Course Description:

ESL Beginner 2 Reading is designed for English Language Learners who can process, understand, produce, or use pictorial or graphic representation of the language of the content areas or general language related to the content areas. Students in this course will have demonstrated moderate success in reading comprehension, which will require them to continue gradually building upon those skills prior to moving to the Intermediate level course for reading.

This course requires students to continue to focus on the development of reading skills at the most basic level with an emphasis on vocabulary building, grammar, syntax, mechanics, and pronunciation. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students must take this course and ESL Beginner 2 Writing together as a two-period daily block.

Students will continue to develop and build skills by reading a variety of challenging books and magazines in addition to using software designed for English Language Learners.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	ESL Beginner 2 Writing	Course Number:	7L2BW
Grade(s):	9-12	Credits:	5

Prerequisites:	NJ State-approved language proficiency test score of emerging.	Length:	Full year
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Course Description:			
<p>ESL Beginner 2 Writing is designed for English Language Learners who can process, understand, produce, or use pictorial or graphic representation of the language of the content areas or general language related to the content areas.</p> <p>This course requires students to focus on the development of writing skills at the most basic level with an emphasis on vocabulary usage, grammar, syntax, mechanics, and literary terminology. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students must take this course and ESL Beginner 2 Reading together as a two-period daily block. Students in this course will have demonstrated moderate success in their writing skills, which will require them to gradually continue building upon those skills prior to moving to the Intermediate level course for writing.</p> <p>Students will continue to develop as writers by responding to writing prompts, responding to text questions, and through the development of multi-paragraph essay writing skills.</p> <p>Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.</p>			

Course Title:	ESL Intermediate 1 Reading	Course Number:	7L1IR
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of developing.	Length:	Full year

Course Description:			
<p>ESL Intermediate 1 Reading is designed for English Language Learners who can process, understand, produce, or use general, specific, or some technical language of the content areas or expanded sentences in oral interaction or written paragraphs, or a variety of sentence lengths of varying linguistic complexity in extended oral discourse or multiple, related sentences or paragraphs.</p>			

This course requires students to focus on the development of more extended, academic vocabulary, with emphasis on reading comprehension along with essay writing. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students who are in this course must also take ESL Intermediate 1 Writing as a two-block period.

Students will develop and build skills by reading a variety of challenging books in addition to selected newspaper and magazine articles.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	ESL Intermediate 1 Writing	Course Number:	7L1IW
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of developing.	Length:	Full year

Course Description:

ESL Intermediate 1 Writing is designed for English Language Learners who can process, understand, produce, or use general, specific, or some technical language of the content areas or expanded sentences in oral interaction or written paragraphs, or a variety of sentence lengths of varying linguistic complexity in extended oral discourse or multiple, related sentences or paragraphs.

This course requires students to focus on the development of more extended, academic vocabulary, with emphasis on essay writing along with reading comprehension. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students who are in this course must also take ESL Intermediate 1 Reading as a two-period block.

Students will develop and build skills by reading a variety of challenging books in addition to selected newspaper and magazine articles. Comprehension will be demonstrated via guided writing tasks as well as formal essays. Students will also begin to focus on the research paper writing process.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	ESL Intermediate 2 Reading	Course Number:	7L2IR
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of expanding.	Length:	Full year

Course Description:

ESL Intermediate 2 Reading is designed for English Language Learners who can process, understand, produce, or use general, specific, or some technical language of the content areas or expanded sentences in oral interaction or written paragraphs, or a variety of sentence lengths of varying linguistic complexity in extended oral discourse or multiple, related sentences or paragraphs.

Students in this course have demonstrated moderate success in reading comprehension skills presented in ESL Intermediate 1 Reading but are not ready to be phased out of ESL and/or enroll in ESL Advanced as determined by their previous ACCESS scores and overall academic performance. This course allows students to expand upon the aforementioned skills in preparation for transition in the upcoming year.

This course requires students to focus on the development of more extended, academic vocabulary, with emphasis on reading comprehension along with essay writing. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students who are in this course must also take ESL Intermediate 2 Writing as a two-period block.

Students will develop and build skills by reading a variety of challenging books in addition to selected newspaper and magazine articles.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	ESL Intermediate 2 Writing	Course Number:	7L2IW
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of expanding.	Length:	Full year

Course Description:

ESL Intermediate 2 Writing is designed for English Language Learners who can process, understand, produce, or use general, specific, or some technical language of the content areas or expanded sentences in oral interaction or written paragraphs, or a variety of sentence lengths of varying linguistic complexity in extended oral discourse or multiple, related sentences or paragraphs.

Students in this course have demonstrated moderate success in overall writing skills presented in ESL Intermediate 1 Writing but are not ready to be phased out of ESL and/or enroll in ESL Advanced as determined by their previous year's ACCESS scores and overall academic performance. This course allows students to expand upon the aforementioned skills in preparation for transition in the upcoming year.

This course requires students to focus on the development of more extended, academic vocabulary, with emphasis on essay writing along with reading comprehension. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed. Students who are in this course must also take ESL Intermediate 2 Reading as a two-period block.

Students will develop and build skills by reading a variety of challenging books in addition to selected newspaper and magazine articles. Comprehension will be demonstrated via guided writing tasks as well as formal essays. Students will also begin to focus on the research paper writing process.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLS).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Course Title:	ESL Advanced 1	Course Number:	7L1AD
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of expanding, bridging, or reaching level	Length:	Full year

Course Description:
<p>ESL Advanced 1 is designed for students who are usually being transitioned out of the ESL program and are simultaneously enrolled in a mainstream English class.</p> <p>This course requires students to understand materials that focus on cognitive and academic language proficiency. Emphasis is placed on successful performance on writing and reading comprehension tasks that meet the Common Core Standards. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed.</p> <p>Students will develop and build skills by reading a variety of challenging books in addition to selected newspaper and magazine articles. Students in this course will also focus on narrative, expository and argumentative writing.</p> <p>Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.</p>

Course Title:	ESL Advanced 2	Course Number:	7L2AD
Grade(s):	9-12	Credits:	5
Prerequisites:	NJ State-approved language proficiency test score of expanding, bridging, or reaching level	Length:	Full year

Course Description:
<p>ESL Advanced 2 is designed for students who have completed their first year of transition but still require the necessary remediation provided by an ESL course. These students will continue to be transitioned out of ESL for another year while also continuing with mainstream English.</p>

This course requires students to understand materials that focus on cognitive and academic language proficiency. Emphasis is placed on successful performance on writing and reading comprehension tasks that meet the Common Core Standards. Proper utilization of bilingual dictionaries as a key component in second language acquisition is stressed.

Students will develop and build skills by reading a variety of challenging books in addition to selected newspaper and magazine articles. Students in this course will also focus on narrative, expository and argumentative writing by building upon and refining the skills acquired during ESL Advanced 1.

Successful completion of this course will be measured through class participation, essays, tests, quizzes, projects, technology-based activities, self or peer assessments, and portfolios. Student achievement beyond the graded course will also be measured through performance on the ACCESS 2.0 for ELLs (State-mandated annual test of English Language Learners), internal assessments (common assessments in all content areas), and external assessment (NJSLs).

This course can be counted in fulfillment of the state mandated five (5) credits of English per year to equal the twenty (20) credits of English required for graduation.

Health and Physical Education

Department Description

The Health and Physical Education Department is committed to providing a high quality instructional program that is relevant to all students. Each teacher's goal is to provide students with a variety of activities that will prepare them for a lifetime of fitness and well-being. Instructional practices take into consideration changing developmental and movement abilities and also seek to develop self-confidence, teamwork, and leadership skills. In terms of Health Education, it is the goal of the teachers to deliver instruction that will have a strong impact on promoting healthy young adults. Instructional practices will focus on developing critical thinking skills to enable students to make informed decisions that encourage healthy lifestyles.

Course Descriptions

Course Title:	Health I	Course Number:	2L1HE
Grade(s):	9	Credits:	1.25
Prerequisites:	None	Length:	1 Marking Period

Course Description:

Health I is designed to introduce freshmen to a range of relevant adolescent health and wellness issues.

This course will allow students to develop an understanding of contemporary health issues related to teens and to apply this learning to their decision-making process.

Students will build skills through student-centered learning activities and explorations as well as classroom instruction designed to expose them to topics including, smoking, teen suicide, mental health, alcohol awareness, and character education.

Successful completion of this course will be measured through individual and group projects, as well as teacher-generated assessments.

This course will meet for one marking period and can be counted in fulfillment of local and New Jersey State graduation requirements.

Course Title:	Health II	Course Number:	2L2HE
Grade(s):	10	Credits:	1.25
Prerequisites:	Successful Completion of Health I	Length:	1 Marking Period

Course Description:

Health II is designed to instruct sophomores in the New Jersey State requirement of driver's education, as well as continuing to expose them to life skills that enhance the development of healthy lifestyles.

This course requires students to develop an understanding of the basic principles of safe driving including good driver qualities, relevant state law, driving environments, preventative maintenance, and sound driving attitudes. In addition, students will develop an understanding of the variety of school and community resources available to maintain a healthy lifestyle.

Students will develop skills through student-centered learning activities and explorations, as well as classroom instruction designed to expose them to topics related to drivers' education and wellness.

Successful completion of this course will be measured through individual and group projects, as well as teacher-generated assessments, including the New Jersey State Driver's Examination.

This course will meet for one marking period and can be counted in fulfillment of local and New Jersey State graduation requirements.

Course Title:	Health III	Course Number:	2L3HE
Grade(s):	11	Credits:	1.25
Prerequisites:	Successful Completion of Health II	Length:	1 Marking Period

Course Description:

Health III is designed to expose juniors to the Family Life Education curriculum in accordance with New Jersey State mandates.

This course requires students to develop an understanding of topics including the reproductive systems and associated diseases, sexual harassment, relationships, pregnancy, birth, parenting, genetics, contraception, and abstinence.

Students will develop skills through student-centered learning activities and explorations as well as classroom instruction designed to further understand the Family Life Education curriculum.

Successful completion of this course will be measured through individual and group projects as well as teacher-generated assessments.

This course will meet for one marking period and can be counted in fulfillment of local and New Jersey State graduation requirements.

Course Title:	Health IV	Course Number:	2L4HE
Grade(s):	12	Credits:	1.25
Prerequisites:	Successful Completion of Health III	Length:	1 Marking Period

Course Description:
<p>Health IV is designed to reinforce topics in wellness addressed in previous years, as well as expose seniors to basic First Aid procedures and personal safety topics.</p> <p>This course requires students to identify ways to prevent injury or illness, recognize when an emergency has occurred, and take necessary emergency action steps to provide basic care for injury or illness until medical help can be reached.</p> <p>Students will develop skills through student-centered learning activities and explorations as well as classroom instruction designed to further understanding of the standard First Aid practices, nutrition, disease prevention, lifelong wellness practices, and personal safety topics including CPR training.</p> <p>Successful completion of this course will be measured through individual and group projects, as well as teacher-generated assessments.</p> <p>This course will meet for one marking period and can be counted in fulfillment of local and State graduation requirements</p>

Course Title:	Physical Education I	Course Number:	2L1PE
Grade(s):	9	Credits:	3.75
Prerequisites:	None	Length:	3 Marking Periods

Course Description:
<p>Physical Education I is designed to enable students to meet the New Jersey State requirement for graduation through a well-balanced program of physical and wellness activities.</p> <p>This course requires that freshmen demonstrate an understanding of the social, emotional, intellectual, and recreational benefits of lifelong physical activity.</p> <p>Students will build or develop skills through a variety of team and individual fitness activities that are part of an introductory program.</p> <p>Successful completion of this course will be measured by demonstrating a proficiency in a variety of skills and physical education/academic areas including fitness testing, teacher-created assessments, and individual and group projects.</p>

This course can be counted in fulfillment of local and New Jersey State graduation requirements.

Course Title:	Physical Education II	Course Number:	2L2PE
Grade(s):	10	Credits:	3.75
Prerequisites:	Physical Education I	Length:	3 Marking Periods

Course Description:

Physical Education II is designed to enable students to meet the New Jersey State requirement for graduation through a well-balanced program of physical and wellness activities.

This course requires that sophomores demonstrate an understanding of the social, emotional, intellectual, and recreational benefits of lifelong physical activity.

Students will build skills through a variety of team and individual fitness activities that are part of a continued program.

Successful completion of this course will be measured by demonstrating a proficiency in a variety of skills and physical education/academic areas including fitness testing, teacher-created assessments, and individual and group projects.

This course can be counted in fulfillment of local and New Jersey State graduation requirements.

Course Title:	Physical Education III	Course Number:	2L3PE
Grade(s):	11	Credits:	3.75
Prerequisites:	Physical Education II	Length:	3 Marking Periods

Course Description:

Physical Education III is designed to enable students to meet the New Jersey State requirement for graduation through a well-balanced program of physical and wellness activities.

This course requires that juniors demonstrate an understanding of the social, emotional, intellectual, and recreational benefits of lifelong physical activity.

Students will build skills through a variety of team and individual fitness activities that are part of a program that progresses in scope and intensity.

Successful completion of this course will be measured by demonstrating a proficiency in a variety of skills and physical education/academic areas including fitness testing, teacher-created assessments, and individual and group projects.

This course can be counted in fulfillment of local and New Jersey State graduation requirements.

Course Title:	Physical Education IV	Course Number:	2L4PE
Grade(s):	12	Credits:	3.75
Prerequisites:	Physical Education III	Length:	3 Marking Periods

Course Description:

Physical Education IV is designed to enable students to meet the New Jersey State requirement for graduation through a well-balanced program of physical and wellness activities.

This course requires that seniors demonstrate an understanding of the social, emotional, intellectual, and recreational benefits of lifelong physical activity.

Students will build skills through a variety of team and individual fitness activities that are part of a program that progresses in scope and intensity.

Successful completion of this course will be measured by demonstrating a proficiency in a variety of skills and physical education/academic areas including fitness testing, teacher-created assessments, and individual and group projects.

This course can be counted in fulfillment of local and New Jersey State graduation requirements.

Mathematics

Department Description

The Mathematics program in grades 9 through 12 is designed to provide the opportunity for all students to develop a strong foundation in mathematics and become effective logical thinkers. The sequence of courses available to students ranges from Algebra I and Geometry, which fulfill state graduation requirements, to courses that prepare for or include the study of advanced college level mathematics, such as Calculus and Statistics.

The Mathematics Department curriculum emphasizes thinking skills through a balance of number sense, computation, logic and reasoning, analysis, mathematical modeling, problem solving, and technology. The teachers of the mathematics department provide instruction that engages and challenges students in learning environments that are encouraging and developmentally appropriate.

Because of the sequential nature of mathematics, many courses require prerequisites in addition to teacher recommendation. Course recommendations, including those necessary for honors placement, are based on concrete data such as marking period grades and common assessment scores. Students are encouraged to adhere to the course sequence suggested by the teachers in the Mathematics Department.

Course Descriptions

Course Title:	Algebra I, Part 1	Course Number:	4L0A1
Grade(s):	9	Credits:	5
Prerequisites:	Foundations of Algebra 8 Teacher Recommendation	Length:	Full Year

Course Description:

Algebra I, Part 1 is the first of two courses designed for freshmen who will complete the study of Algebra I over a two-year period. Instruction is tailored for students who may need additional reinforcement and practice of skills.

This course will require students to review the concepts, principles, and procedures developed in previous math and pre-algebra courses. Course topics that follow will include the first half of the fundamentals of a standard algebra course. Students will perform operations with real numbers and variable expression and will solve problems involving ratio, rates, and percents. Students will learn and develop linear equation and inequality problem-solving techniques. They will use coordinate geometry to extensively study the concept of slope and methods for graphing linear functions. Investigations and applications of basic concepts to verbal problems will be utilized throughout the course with an emphasis

on the development of problem solving ability. The use of scientific calculators will be permitted and implemented into the course. Students will also review skills and problem solving strategies in preparation for standardized and required assessments.

Successful completion of this course will be measured through teacher generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics, five (5) of which must be in Algebra I.

Course Title:	Algebra I, Part 2	Course Number:	4L0A2
Grade(s):	10	Credits:	5
Prerequisites:	Algebra I Part 1	Length:	Full Year

Course Description:

Algebra I, Part 2 is the second of two courses designed for students who will complete the study of Algebra I over a two-year period. Instruction is tailored for students who may need additional reinforcement and practice of skills.

This course will require students to review the concepts, principles, and procedures developed in Algebra I, Part 1. Course topics that follow will include the second half of the fundamentals of a standard algebra course. Students will perform operations with polynomials, exponents, radicals, and rational expressions. Students will extend equation solving techniques to include systems of linear equations and inequalities, as well as quadratic, rational, and radical equations. Students will study and develop factoring techniques and further explore linear functions and coordinate geometry. Investigations and applications of basic concepts to verbal problems will be utilized throughout the course with an emphasis on the development of problem solving ability. The use of scientific calculators will be permitted and implemented into the course. Students will also review skills and problem solving strategies in preparation for standardized and required assessments.

Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics, five (5) of which must be in Algebra I.

Course Title:	Algebra I	Course Number:	4L1AL
Grade(s):	9	Credits:	5

Prerequisites:	Foundations of Algebra 8 Teacher Recommendation	Length:	Full Year
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Course Description:
<p>Algebra I is designed for students who have successfully completed Foundation of Algebra in the middle school and have demonstrated competency in mathematics necessary for the study of Algebra I within one school year.</p> <p>This course will require students to review the concepts, principles, and procedures developed in previous math and pre-algebra courses. Course topics that follow will include the fundamentals of a standard algebra course. Students will perform fundamental operations with real numbers, exponents, variables, polynomials, radicals, and rational expressions. Course content will also include coordinate geometry, factoring of polynomials, functions, and methods of solving linear, quadratic, and systems of equations and inequalities. Students will communicate ideas, describe relationships, and model situations using algebraic concepts and graphs. The use of correct mathematical terminology and notation will be practiced and emphasized. Applications will motivate all topics and the use of scientific calculators will be permitted and implemented into the course. Students will also review skills and problem solving strategies in preparation for standardized and required assessments.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics, five (5) of which must be in Algebra I.</p>

Course Title:	Advanced Algebra I	Course Number:	4L1AL
Grade(s):	9	Credits:	5
Prerequisites:	Foundations of Algebra 8 Teacher Recommendation Summer Assignment	Length:	Full Year

Course Description:
<p>Advanced Algebra I is designed for freshman who have demonstrated strong competency in the Foundations of Algebra course in the middle school and are prepared for extensive instruction in the structures of algebra.</p> <p>This course will require students to perform basic operations with real numbers, variables, exponents, polynomials, radicals, and rational expressions. Course content includes coordinate geometry, factoring of polynomials, solving of linear, quadratic, systems of equations and inequalities, and direct and inverse variation. Verbal problems and introductory geometry are integrated within each unit of study to emphasize the development of problem-solving abilities. Students will communicate ideas, describe relationships, and model situations using algebraic concepts and graphs. The use of correct mathematical</p>

terminology and notation will be practiced and emphasized. Students will be expected to complete mathematical computations without the use of a calculator and to use the language of mathematics with precision.

Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics, five (5) of which must be in Algebra I.

Course Title:	Geometry	Course Number:	4L1GE
Grade(s):	9-12	Credits:	5
Prerequisites:	Algebra I	Length:	Full Year

Course Description:
<p>Geometry is designed to emphasize the fundamentals and application of traditional Euclidean plane geometry, enriched by coordinate geometry, space geometry, and right triangle trigonometry.</p> <p>This course requires students to extend the study of plane and spatial relationships studied in earlier grades through the application of inductive and deductive reasoning to defined terms, properties, postulates, and previously proven theorems. Topics will include properties of angles, perpendicular and parallel lines, triangles, quadrilaterals, polygons, circles, transformations, similarity, congruence, perimeter and area of two dimensional figures, and volumes of solids. While the proof will not be emphasized, alternate methods will be used to demonstrate theorems. Coordinate geometry will be implemented to clearly demonstrate geometric applications. Students will further develop arithmetic and algebraic skills through their application within the context of geometry. Real-life application of concepts will be integrated within each unit of study. Students will also review skills and problem-solving strategies in preparation for standardized and required assessments.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects (delete) and assignments.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics, five (5) of which must be in geometry.</p>

Course Title:	Advanced Geometry	Course Number:	4L1GE
Grade(s):	9-10	Credits:	5
Prerequisites:	Advanced Algebra I	Length:	Full Year

Course Description:
<p>Advanced Geometry is designed for students who have successfully completed Advanced Algebra I. The formal study of the principles of logic in Algebra I forms the basis for the deductive reasoning development in geometry. The core of this course is traditional Euclidean geometry enriched by coordinate, space, and transformational geometry, as well as an in-depth exploration of the introductory topics in trigonometry.</p> <p>This course requires students to extend the study of plane and spatial relationships studied in earlier grades through the application of inductive and deductive reasoning to define terms, properties, postulates, and previously proven theorems. Topics will include, but will not be limited to, properties of angles, perpendicular and parallel lines, triangles, quadrilaterals, polygons, circles, transformations, similarity, congruence, perimeter and area of two dimensional figures, and volumes of solids. Students will explore different forms of proof and will utilize and further develop algebraic skills through application within the context of geometry. Real life applications of concepts will be integrated within each unit of study.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics, five (5) of which must be in geometry.</p>

Course Title:	Accelerated Geometry Honors	Course Number:	4L1GE
Grade(s):	9-10	Credits:	5
Prerequisites:	Accelerated Algebra I (Grade 7 or 8) Teacher Recommendation Minimum Average of 80 Summer Assignment	Length:	Full Year

Course Description:
<p>Accelerated Geometry Honors is designed for students who have demonstrated superior ability in mastering the concepts of Accelerated Algebra I before entering high school. This course offers a rigorous and in-depth curriculum in traditional Euclidean geometry enriched by the additions of coordinate, space, and transformational geometry, as well as trigonometry. This honors course stresses analytical thought and problem-solving with an emphasis on detailed analysis and the formal proof.</p> <p>This course requires students to extend the study of plane and spatial relationships studied in earlier grades through the application of inductive and deductive reasoning to defined terms, properties, postulates, and previously proven theorems. Topics will include, but will not be limited to, properties of angles, perpendicular and parallel lines, triangles, quadrilaterals, polygons, circles, transformations, similarity, congruence, perimeter and area of two-dimensional figures, and volumes of solids. Various types of proof will be incorporated throughout the course. Students will extensively utilize algebraic skills through their</p>

application within the context of geometry. Real world problem-solving is emphasized in the study of each topic. Additional topics may include geometric probability and fractals.

Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics, five (5) of which must be in geometry.

Course Title:	Integrated Algebra	Course Number:	4L2IA
Grade(s):	9-12	Credits:	5
Prerequisites:	Geometry Teacher Recommendation	Length:	Full Year

Course Description:

Integrated Algebra is designed for students who have completed Algebra I and Geometry, but experienced difficulties, particularly in Algebra 1. The course aims to provide both a thorough review and reinforcement of algebraic skills and concepts from Algebra I and an extension of such topics.

This course will require students to review and extend algebraic and equation-solving techniques for linear, quadratic, and rational equations, as well as for systems of equations. Students will use function notation and will analyze and graph linear and quadratic functions. Real-life applications are integrated within each unit of study. Students will also review skills and problem-solving strategies in preparation for standardized and required assessments.

Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.

Course Title:	Algebra II	Course Number:	4L2AL
Grade(s):	9-12	Credits:	5
Prerequisites:	Geometry Teacher Recommendation	Length:	Full Year

Course Description:
<p>Algebra II is designed for students who have successfully completed Algebra I and Geometry. The course aims to provide both a thorough review and reinforcement of algebraic skills and concepts from Algebra I and an extension of such topics into new and more advanced ideas.</p> <p>This course will require students to review and extend algebraic and equation-solving techniques for linear, quadratic, and rational equations, as well as for systems of equations. Students will use function notation and will extensively analyze and graph linear and quadratic functions. Real-life applications, particularly introductory topics in statistics, are integrated within each unit of study. Students will also review skills and problem-solving strategies in preparation for standardized and required assessments.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.</p> <p>This course will meet five days a week for the academic year and can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.</p>

Course Title:	Advanced Algebra II	Course Number:	4L2AL
Grade(s):	9-12	Credits:	5
Prerequisites:	Advanced Geometry Teacher Recommendation Summer Assignment	Length:	Full Year

Course Description:
<p>Advanced Algebra II is designed for students who have demonstrated a strong background in both Advanced Algebra I and Advanced Geometry. This course aims to emphasize the accurate use of advanced algebraic skills and graphing techniques in order to develop the mathematical foundation that is essential for the study of advanced courses such as Advanced Algebra with Trigonometry, Pre-Calculus, and Calculus.</p> <p>This course requires students to extend equation-solving techniques to include systems of equations and polynomial equations with irrational and complex roots. Polynomial and rational functions as well as conic sections and their related equations will be analyzed and graphed. Students will formalize the approach to arithmetic and geometric series and sequences and begin the study of exponential and logarithmic functions. Students will</p>

develop skills through both algebraic techniques and graphing calculator methods. Real-life applications are integrated within each unit of study.

Successful completion of this course will be measured through teacher generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.

Course Title:	Accelerated Algebra II Honors	Course Number:	4L2AL
Grade(s):	9-12	Credits:	5
Prerequisites:	Accelerated Geometry Honors Teacher Recommendation Minimum Average of 80 Summer Assignment	Length:	Full Year

Course Description:

Accelerated Algebra II Honors is designed for students who have demonstrated superior ability in both Accelerated Algebra I and Accelerated Geometry, and would like to complete an AP Calculus course prior to the first semester of college. The instruction of all algebraic topics in this course is thorough, extensive, and presented at a competitive pace. This honors course emphasizes analytical thought, graphing, applications, and problem solving through an extended study of topics.

This course requires students to extend equation-solving techniques to include systems of equations and polynomial equations with irrational and complex roots. Polynomial, rational, exponential, radical, and logarithmic functions as well as conic sections and their related equations will be analyzed and graphed. The study of matrices will be extended to include multiplication as well as identity and inverse matrices. Students will formalize the approach to arithmetic and geometric series and sequences. Students will develop skills through both algebraic techniques and graphing calculator methods. Additional topics of study will include probability and counting, statistics, and topics in trigonometry.

Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.

This course will meet five days a week for the academic year, and can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.

Course Title:	College Algebra	Course Number:	4L3AL
Grade(s):	12	Credits:	5
Prerequisites:	Integrated Algebra or Algebra II Teacher Recommendation	Length:	Full Year

Course Description:
<p>College Algebra is designed for seniors who have successfully completed Algebra II or Integrated Algebra. The course aims to begin with an extensive review of algebra and geometry concepts in preparation for college entrance exams such as the Scholastic Aptitude Test (SAT) and American College Testing (ACT) standardized tests in the fall. The course will then continue with the further development skills necessary for college mathematics.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.</p>

Course Title:	Advanced Algebra with Trigonometry	Course Number:	4L3AT
Grade(s):	11-12	Credits:	5
Prerequisites:	Algebra II or Advanced Algebra II Teacher Recommendation Summer Assignment	Length:	Full Year

Course Description:
<p>Advanced Algebra with Trigonometry is designed for students who have successfully completed an Algebra II course and wish to further develop a foundation in mathematics in preparation for further college coursework in math and related fields of study. Students who have demonstrated strong competency in Algebra II and students who have experienced difficulties in Advanced Algebra II may select this course. This course incorporates the extended study of advanced algebraic topics with introductory trigonometry.</p> <p>This course will require students to review and extend important algebraic concepts from previous courses to further study function theory and families of functions. These functions will include linear, polynomial, rational, exponential, logarithmic, and trigonometric functions. Equation solving, graphing, and problem solving are emphasized throughout the course.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.</p>

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.
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Course Title:	Pre-Calculus	Course Number:	4L0PC
Grade(s):	10-12	Credits:	5
Prerequisites:	Advanced Algebra II Teacher Recommendation Summer Assignment	Length:	Full Year

Course Description:
<p>Pre-Calculus is designed for students who have demonstrated a strong ability in mastering the concepts of Advanced Algebra II and plan to take Calculus prior to the first semester of college. This curriculum involves the studies of all families of functions, trigonometry, analytical geometry, and the application of these topics in real-world problem solving.</p> <p>Students will review, further develop, and extend the study of algebra and geometry concepts from previous courses in order to develop the essential mathematical background necessary for the study of calculus. Students will graph and analyze, in-depth polynomial, rational, radical, exponential, logarithmic, circular, and trigonometric functions, as well as conic sections. Students will build skills through both advanced algebraic techniques and graphing calculator methods. Students will begin the study of differential calculus of polynomial functions.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.</p>

Course Title:	Accelerated Pre-Calculus Honors	Course Number:	4L0PC
Grade(s):	10-11	Credits:	5
Prerequisites:	Accelerated Algebra II Honors Teacher Recommendation Minimum Average of 80 Summer Assignment	Length:	Full Year

Course Description:
<p>Accelerated Pre-Calculus Honors is designed for students who have demonstrated superior ability in mastering the concepts of Accelerated Geometry and Accelerated Algebra II, and plan to take at least one AP Calculus course prior to the first semester of college. This curriculum is a rigorous study of all families of functions, trigonometry, analytical geometry, and the application of these topics in real-world problem solving.</p>

Students will review, further develop, and extend the study of algebra and geometry concepts from previous courses in order to develop the essential mathematical background necessary for the study of calculus. Students will graph and analyze in-depth polynomial, rational, radical, exponential, logarithmic, circular, and trigonometric functions, as well as conic sections. Students will build skills through both advanced algebraic techniques and graphing calculator methods. Additional topics will include vectors and parametric equations. Students will begin the study of limits and differential calculus of polynomial functions.

Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.

Course Title:	Calculus	Course Number:	4L1CL
Grade(s):	12	Credits:	5
Prerequisites:	Pre-Calculus Teacher Recommendation	Length:	Full Year

Course Description:

Calculus is designed for seniors who have successfully completed Pre-Calculus and wish to begin the study of calculus prior to college without the pressure of an AP test at the end of the course. The course aims to provide both a thorough review of the properties, algebra, graphs, and language of all functions, followed by an introduction to the concepts and applications of calculus.

Students will review all families of functions including those that are linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise defined.

Students will apply limit theory and continuity to these functions and will begin an in-depth study of differentiation and integration techniques. Application of derivatives and integrals will be emphasized within their use in optimization, related rates, areas, and volumes of solids.

Students will develop a solid background in the fundamentals of calculus so that they are prepared to further study the subject and related sciences in college.

Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.

Course Title:	AP Calculus AB	Course Number:	4L2AB
Grade(s):	11-12	Credits:	5

Prerequisites:	Accelerated Pre-Calculus Honors Teacher Recommendation AP Recommendation Form and an Interview Minimum Average of 80 Summer Assignment	Length:	Full Year
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Course Description:			
<p>AP Calculus AB is designed for students who have demonstrated a superior and thorough knowledge of college preparatory mathematics including algebra, geometry, trigonometry, analytical geometry, and elementary functions. Before studying calculus, students must be familiar with the properties, algebra, graphs, and language of functions. These functions include those that are linear, polynomial, rational, exponential, logarithmic, trigonometric, inverse trigonometric, and piecewise defined.</p> <p>Students will work with functions in a variety of ways including graphical, numerical, analytical, or verbal, and will make connections among these representations. Students will use advanced algebraic methods for differentiation and integration and will understand the relationship between the two, as expressed in The Fundamental Theorem of Calculus. Students will investigate applications of the derivative and of definite and indefinite integrals numerically and graphically, and will use both to solve a variety of problems. Graphing calculators will be used to help solve problems, experiment, and verify conclusions.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics. Students who successfully complete the course and exam may receive credit, advanced placement, or both for a one-semester college-level calculus course. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p>			

Course Title:	AP Calculus BC	Course Number:	4L2BC
Grade(s):	12	Credits:	5
Prerequisites:	AP Calculus AB Teacher Recommendation AP Recommendation Form and an Interview Minimum Average of 80 Summer Assignment	Length:	Full Year

Course Description:
<p>AP Calculus BC is designed for students who have successfully completed AP Calculus AB and wish to extend the study of calculus beyond the AB course prior to college.</p> <p>Students will review and further develop differentiation and integration techniques utilized in Calculus AB and will explore additional solution techniques. Students will continue with the study of sequences and series, and vector and polar calculus. Graphing calculators are required for this course.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics. The content of Calculus BC is designed to qualify the student for placement and/or credit in a course that is one course beyond that granted for Calculus AB. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p>

Course Title:	AP Statistics	Course Number:	4L1SA
Grade(s):	10-12	Credits:	5
Prerequisites:	Advanced Algebra II Teacher Recommendation AP Recommendation Form and an Interview Summer Assignment	Length:	Full Year

Course Description:
<p>AP Statistics is designed for students who wish to complete studies equivalent to a one-semester, introductory, non-calculus based, college course in statistics. The course aims to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data.</p> <p>This course will require students to explore data by describing patterns and departures from patterns. They will also plan and conduct studies involving sampling and experimentation. Students will use probability and simulation to explore random phenomena and anticipate patterns. Other topics involve statistical inference, where students will estimate population parameters and test hypotheses. Graphing calculators are required for this course.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, projects, and assignments. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p>

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics. Students who successfully complete the course and final exam may receive credit, advanced placement, or both for a one-semester introductory college statistics course. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Intro to Computer Programming	Course Number:	4L1CP
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Introduction to Computer Programming has been developed to simultaneously introduce students to computer programming and to prepare them for an introductory course in the formal JavaScript language. Students will learn the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Students will learn to create and manipulate object classes and to use these manipulations to develop program animations. Topics discussed include a wide variety of techniques such as if/else statements, loops, while and for statements. In addition, students learn about object-oriented programming and public and private classes.

Successful completion of this course is measured through active class participation and ongoing formal and informal assessments including: research and writing, critique, presentations, and compositions.

This course can be counted in partial fulfillment of the elective math credits towards the *120-credit graduation requirement.

Course Title:	Robotic Engineering	Course Number:	9L1RE
Grade(s):	9-12	Credits:	5
Prerequisites:	Successful completion of any Algebra I course, OR Computer Programming/Robotics at JHWMS	Length:	Full Year

Course Description:

Robotic Engineering provides students with the opportunity to explore the field of robotic design using a variety of hands on activities. Students begin the semester with an introduction to the tools used to create robotic devices. Students work in teams to create simple drive trains capable of movement through tele-operated interaction. Student teams will maintain an Engineering Notebook to document their design process. Programming is an essential and vital element. Students program the onboard microprocessor using the Robot-C programming

language. CAD application is introduced as a tool used for mechanical design. Students then move onto autonomous navigation where the robot is controlled entirely through programming. Mechanical concepts such as gearing/torque (<--delete)/speed/power are introduced. These topics are explored through the use of hands on labs. Students must use this knowledge to design and build custom drive trains capable of meeting a variety of criteria including climbing, navigating and utilizing sensors, attaining maximum speed, etc. Sensors are introduced to allow robotic devices to interact with the environment. Actuator design is discussed and different manipulator designs are introduced. The final three weeks of class will be comprised of a capstone design project.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	AP Computer Science Principles	Course Number:	9L1CS
Grade(s):	9-12	Credits:	5
Prerequisites:	Teacher Recommendation AP Recommendation Form and an Interview Summer Assignment	Length:	Full Year

Course Description:

The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. Students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze, visualize, and draw conclusions from trends. The course engages students in the creative aspects of the field by allowing them to develop computational artifacts based on their interests. Students will also develop effective communication collaboration skills by working individually and collaboratively to solve problems, and will discuss and write about the impacts these solutions could have on their community, society, and the world. All students enrolled in an AP course will be encouraged to prepare for and take the AP exam in May.

This course is equivalent to a semester of university level computer science. The Advanced Placement Computer Science class is designed to prepare students for the AP Computer Science Principles examination.

Successful completion of this course is measured through active class participation and ongoing formal and informal assessments including: research and writing, application of skills, and presentations.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Mathematics Strategies Algebra I	Course Number:	4L1MS
Grade(s):	9-12	Credits:	5
Prerequisites:	NJSLS Assessment Scores	Length:	Full Year

Course Description:	
<p>Mathematics Strategies Algebra 1 is designed to provide preventive remediation for students who have been identified as less than proficient on the mathematics sections of the Grade 8 or Algebra 1 NJSLS (Partnership for Assessment of Readiness for College and Careers) Assessment. A math strategies course is taken in addition to another standard mathematics course.</p> <p>Students will review concepts, skills, and problem solving strategies in preparation for the state mandated Algebra 1 NJSLS Assessment.</p> <p>Successful completion of this course will be measured through teacher-generated assessments, and assignments.</p> <p>This course cannot be counted in partial fulfillment of the state-mandated fifteen (15) credits of mathematics.</p>	

Course Title:	Practical Math	Course Number:	4L1PM
Grade(s):	12	Credits:	5
Prerequisites:	Coordinator Recommendation	Length:	Full Year

Course Description:	
<p>This course will reinforce and teach math facts; addition, subtraction, multiplication, and division with a heavy emphasis on everyday mathematics. In addition, students will study number theory, decimals, rational numbers and fractions, ratios, proportions and percentage, integers, exponents, square roots, equations from geometry, and graphing.</p> <p>Successful completion of this course will be measured through teacher generated assessments, projects, and assignments.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>	

Science

Department Description

Science is systematic knowledge of the physical or material world gained through observation and experimentation. Science explores the living and physical world to provide explanation of objects, events in the universe, and the discovery of how things work. The Nutley High School Science Department is dedicated to educating students to recognize the importance of basic scientific research, the use of scientific knowledge in their everyday lives, and application of scientific concepts to other areas of their life. It is the goal of the Science Department staff to provide every student with scientific knowledge to prepare them for their life experiences.

Course Descriptions

Course Title:	AP Biology	Course Number:	5L1BI
Grade(s):	11-12	Credits:	6
Prerequisites:	Biology – A or better Biology Honors – B+ or better Chemistry – A or better Chemistry Honors – B+ or better Previous year's ELA class B or better AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Biology is designed to be the equivalent of a college introductory biology course usually taken by biology majors during their first year of college. Some AP students, as college freshmen, are permitted to undertake upper-level courses in biology or to register for courses for which biology is a prerequisite. Other students may have fulfilled a basic requirement for a laboratory science course and will be able to undertake other courses to pursue their majors.

AP Biology will include the topics regularly covered in a college biology course for majors. The textbooks used for AP Biology are those used by college biology majors and the labs done by AP students must be the equivalent of those done by college students. The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology.

The two main goals of AP Biology are to help students develop a conceptual framework for modern biology and to help students gain an appreciation of science as a process. The ongoing information explosion in biology makes these goals even more challenging. Primary emphasis in an AP Biology course should be on developing an understanding of concepts rather than on memorizing terms and technical details.

Essential to this conceptual understanding are the following: a grasp of science as a process rather than as an accumulation of facts; personal experience in scientific inquiry; recognition of unifying themes that integrate the major topics of biology; and application of biological knowledge and critical thinking to environmental and social concerns.

The AP Biology Development Committee conducts college curriculum surveys of introductory biology courses for biology majors and develops the AP Biology Examination so that it is representative of the topics covered by the survey group. Accordingly, goals have been set for percentage coverage of three general areas:

- Molecules and Cells, 25%
- Heredity and Evolution, 25%
- Organisms and Populations, 50%

These three areas have been subdivided into major categories with percentage goals for each major category specified. The percentage goals will serve as a guide for designing an AP Biology course and may be used to apportion the time devoted to each category. The examination is constructed using the percentage goals as guidelines for question distribution.

Successful completion will be measured through laboratory performance assessment, critical thinking assessment, laboratory reports, tests, and Advanced Placement exam/final exam. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor. This course satisfies component C (lab/inquiry-based science class), and accounts for five (5) of the fifteen (15) necessary science credits required for graduation. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript. Project Acceleration credits are available in conjunction with Seton Hall University.

Course Title:	AP Chemistry	Course Number:	5L1CH
Grade(s):	11-12	Credits:	6
Prerequisites:	Biology – A or better Biology Honors – B+ or better Chemistry – A or better Chemistry Honors – B+ or better Algebra II – A or better Algebra II Honors – B+ or better AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Chemistry is designed to be the equivalent of the general chemistry course usually taken during the first year of college. For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register for courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses.

AP Chemistry meets the objectives of a good general chemistry course. Students will attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. The college course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students, and the nature and the variety of experiments done in the laboratory. AP Chemistry will provide a laboratory experience equivalent to that of a typical college course.

To develop the requisite intellectual and laboratory skills, AP Chemistry students will have adequate classroom and laboratory time. It is expected that a minimum of 290 minutes per week will be allotted for an AP Chemistry course. Of that time, a minimum of 90 minutes per week, preferably in one session, should be spent in the lab. In addition, students will probably need to spend at least five hours a week studying outside of class.

The AP Chemistry course is designed to be taken after the completion of a first course in high school chemistry. The advanced work in chemistry should not displace any other part of the student's science curriculum. It is highly desirable that a student have a course in secondary school physics and a four-year college preparatory program in mathematics.

Successful completion will be measured through laboratory performance assessments, critical thinking assessments, laboratory reports, tests, and Advanced Placement exam/final exam. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor. This course satisfies component C (lab/inquiry-based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript. Project Acceleration credits are available in conjunction with Seton Hall University.

Course Title:	AP Environmental Science	Course Number:	5L1EV
Grade(s):	11-12	Credits:	6
Prerequisites:	Biology – A or better Biology Honors – B+ or better Chemistry – A or better Chemistry Honors – B+ or better Previous year's ELA class - B or better AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Environmental Science is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study. Yet there are several major unifying constructs, or themes, that cut across the many topics included in the study of environmental science including; science as a process, energy conversions underlie all ecological processes, the Earth itself is one interconnected system, humans altering natural systems, environmental problems have a cultural and social context, and human survival depending on developing practices that will achieve sustainable systems.

Successful completion will be measured through laboratory performance assessment, critical thinking assessment, laboratory reports, tests, and Advanced Placement exam/final exam. In order to be admitted to this class, students must obtain a recommendation form, and schedule an interview with the instructor.

This course satisfies component C (lab/inquiry based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	AP Physics 1: Algebra-Based	Course Number:	5L1PH
Grade(s):	10-12	Credits:	6
Prerequisite:	Physics - A or better Accelerated Algebra I – B or better (taken at JHWMS) Advanced Algebra I – B or better Algebra I – A or better AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Physics 1: Algebra-Based is the equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It will also introduce electric circuits.

This course requires students to apply analytical skills, measurement skills, algebra and trigonometry operations, involved mathematical calculations, and problem-solving skills while learning the laws of physics. Complex problems involving multiple concepts are routinely assigned. Students will develop an understanding through problem-solving, using

scientific apparatus and instruments, comparing results, analyzing lab results, and interacting with classmates during laboratory investigations. Successful completion of this course will be measured by performance on quizzes, tests, laboratory performance and reports, class work, homework, classroom discussions, projects, and a final exam.

This course satisfies component B (environmental science, chemistry, or physics), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	AP Physics 2	Course Number:	5L1PH
Grade(s):	11-12	Credits:	6
Prerequisites:	Physics - A or better AP Physics Part 1 or Honors Physics – B+ or better Algebra II – A or better Algebra II Honors – B+ or better AP Recommendation Form and an Interview Consideration of AP Physics I score	Length:	Full Year

Course Description:

AP Physics 2: Algebra-Based is the equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; atomic and nuclear physics.

Successful completion will be measured through laboratory performance assessments, critical thinking assessments, laboratory reports, tests, and the Advanced Placement exam/final exam. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.

This course satisfies component C (lab/inquiry based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation and project acceleration credits are available in conjunction with Seton Hall University. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Biology	Course Number:	5L1BI
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Grade(s):	9-12	Credits:	5
Prerequisites:	Passing grade on 8th grade placement assessment Teacher recommendation	Length:	Full Year

Course Description:			
<p>Biology requires students to understand life process, perform investigative laboratory activities, analyze scientific data, and apply biological principles to real life situations. Students will develop analytical skills through measuring, graphing, and use of microscopes and other scientific tools.</p> <p>This course satisfies component A (laboratory biology), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.</p>			

Course Title:	Chemistry	Course Number:	5L1CH
Grade(s):	10-12	Credits:	6
Prerequisites:	Biology - passing grade Prior year Math and ELA - passing grade	Length:	Full Year

Course Description:			
<p>Chemistry requires students to apply analytical skills, mathematical equations, and various problem-solving strategies to physical and chemical scientific concepts.</p> <p>Students will develop skills through problem-solving, using manipulative to explore theoretical concepts, manipulating scientific tools and instruments, and collaborating with peers during laboratory investigations.</p> <p>Successful completion of this course will be measured by performance on quizzes and tests, laboratory performance and analysis, class work, homework, as well as other projects and a final exam.</p> <p>This course satisfies component B (environmental science, chemistry, or physics), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.</p>			

Course Title:	Environmental Science	Course Number:	5L1EV
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:			
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Environmental Science requires students to evaluate and address the concepts of ecosystem, resources, energy, population dynamics, sources and effects of pollution, as well as ethical and sociological concerns.

Students will develop skills through discussion/debate, group laboratory investigations, graphing of data, independent projects and research, as well as the reading and application of previous knowledge to real life situations.

Successful completion of this course will be measured by successful completion of the Nutley High School environmental science course end of year assessment. This course satisfies component B (environmental science, chemistry, or physics) and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.

Course Title:	Forensic Science	Course Number:	5L1FS
Grade(s):	11-12	Credits:	5
Prerequisites:	Biology – passing grade	Length:	Full Year

Course Description:

Forensic Science is designed for students who want to participate in a challenging curriculum designed to provide a solid scientific foundation in the basic principles of forensic science. Topics will range from basic metric measurement and scientific method to more complex concepts such as fingerprint and glass analysis, forensic toxicology and anatomy, to the ever-increasing role of DNA in criminal investigation. This course is a full year in length in order to provide sufficient time to explore the various areas of general forensic science.

This course requires students to pursue scientific experimentation using multiple scientific disciplines, demonstrate skills and laboratory techniques necessary to actively compete in a technology-based society, develop a solid understanding of a broad spectrum of scientific concepts and principals, and utilize both individual and group effort.

Students will develop skills through extensive hands-on laboratory experiences, research into famous criminal cases and current forensic technology, projects and, written assessments.

Successful completion of this course will be measured by regular assessments, one project per semester, laboratory and criminal reports as well as the Nutley High School common forensic science assessment. This course satisfies component C (lab/inquiry based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.

Course Title:	Forensic Science Honors	Course Number:	5L1FS
Grade(s):	11-12	Credits:	6
Prerequisites:	Biology – A or better	Length:	Full Year

	Biology Honors – B+ or better Prior year ELA - B or better		
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Course Description:
<p>Forensic Science Honors is designed for students who want to participate in a more challenging and comprehensive curriculum. Topics include forensic toxicology, anatomy and decomposition, physical and chemical properties of evidence, tool marks and footprint analysis, DNA profiling, fingerprint analysis, document examination, explosives and arson. This course covers the same topics as Forensic Science but with more depth through inquiry and experimentation.</p> <p>This course requires students to pursue scientific experimentation using multiple scientific disciplines during a dedicated laboratory period, demonstrate competency in advanced skills and laboratory techniques, develop a solid understanding of a broad spectrum of scientific concepts and principles, utilize both individual and group effort, research and produce criminal reports on student-generated experimental results.</p> <p>Students will develop skills through extensive hands-on laboratory experiences during a dedicated laboratory period, extensive research into famous criminal cases, and current forensic technology and projects.</p> <p>Successful completion of this course will be measured through regular assessments, one project per semester, laboratory reports and criminal reports as well the Nutley High School common forensics assessment that includes laboratory (crime scene) performance assessments. In order to be admitted to this class, students must obtain a recommendation form, and schedule an interview with the instructor. This course satisfies component C (lab/inquiry based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.</p>

Course Title:	Chemistry Honors	Course Number:	5L1CH
Grade(s):	10-12	Credits:	6
Prerequisites :	Biology – A or better Biology Honors – B+ or better Accelerated Algebra I – B or better (taken at JHWMS) Advanced Algebra I – B or better Algebra I – A or better Teacher recommendation	Length:	Full Year

Course Description:
Chemistry Honors requires students to utilize chemical and physical principles and apply them to an understanding of the material world around them.

Students will develop skills through problem solving, using manipulatives to explore theoretical concepts, using scientific tools, analyzing complex chemical processes, and applying concepts to other areas of science.

Successful completion of this course will be measured by performance on quizzes, tests, laboratory performance and analysis, classwork, homework, projects, and a Nutley High School common assessment.

This course satisfies component B (environmental science, chemistry, or physics) and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.

Course Title:	Human Physiology	Course Number:	5L1HP
Grade(s):	11-12	Credits:	5
Prerequisites:	Biology – B- or better Honors Biology C+ or better Chemistry – C or better Honors Chemistry C or better or Departmental approval ONLY if at least one prerequisite is met	Length:	Full Year

Course Description:
<p>Human Physiology is designed for students who want to learn about the organization of the human body, tissue and organ anatomy, as well as the functional design of major body parts.</p> <p>This course requires students to understand biological principles and apply them to mammalian anatomy.</p> <p>Students will develop skills through a systematic approach that uses microscopic histology, dissection, and physiological investigations to support student understanding. Successful completion of this course will be measured by practical assessments, performance assessments, and the development of a portfolio lab book.</p> <p>This course component C (lab/inquiry based science class). It accounts for five (5) out of fifteen (15) necessary science credits required for graduation.</p>

Course Title:	Human Physiology Honors	Course Number:	5L1HP
Grade(s):	11-12	Credits:	6
Prerequisites:	Biology B+ or better	Length:	Full Year

	Honors Biology B- or better Chemistry B or better Honors Chemistry C+ or better AP Recommendation Form and an Interview		
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Course Description:
<p>Human Physiology Honors is designed for students who want an in-depth study of the physical and chemical principles that govern the anatomy and function of the human body.</p> <p>This course requires students to understand and apply the vocabulary of human anatomy and physiology; to analyze the different organ systems and relate them to their specific function; and to compare and contrast human anatomy and physiology with other animal species, particularly in the detailed mammalian study of cat physiology.</p> <p>Students will develop skills through teacher-led lectures, examining different organ systems and tissues by dissection and microscopy, interpreting and explaining critical thinking questions related to specific organ systems by writing essays and short reports, and small group and individual examination of organ systems through written worksheets.</p> <p>Successful completion of this course will be measured by tests, quizzes, lab reports, lab practical examinations, classwork, and homework. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor. This course satisfies component C (lab/inquiry based science class). It accounts for five (5) out of fifteen (15) necessary science credits required for graduation. Project Acceleration credits are available in conjunction with Seton Hall University.</p>

Course Title:	Biology Honors	Course Number:	5L1BI
Grade(s):	9	Credits:	6
Prerequisites:	Teacher Recommendation and 95% average or better on the 8 th grade common assessments or B+ or better if coming out of physics	Length:	Full Year

Course Description:
<p>In addition to the requirements of Biology, Honors Biology requires students to analyze essential questions and support their analysis with data, design their own experimental procedures, formulate hypotheses, interpret collected data, revise predictions based on observed data, sketch observations, and create conclusions based on collected data.</p> <p>Students will develop analytical skills through measuring, graphing, and use of microscopes and other scientific tools. Successful completion of this course will be measured through proficiency on Nutley High School common biology content and performance assessment.</p>

In addition, students will be required to complete quarterly projects, which may include (but is not limited to) formal laboratory reports, presentations, and portfolios.

This course satisfies component A (laboratory biology) and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.

Course Title:	Geophysical Science	Course Number:	5L1GS
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Geophysical Science is designed to introduce students to the major concepts of earth and physical science as these disciplines relate to the world around them. It involves the learning of concepts such as properties and processes involved in earth systems.

This course requires students to understand basic earth and physical science concepts, perform investigative laboratory activities, analyze scientific data, and apply physical science principles to real life situations. The course follows an inquiry model of instruction, where students identify prior knowledge, use a concrete model to explore content, reflect on learning, and apply their learning to themselves and their world around them. Emphasis is placed on the ability to use critical thinking skills, laboratory apparatus properly, and to express ideas effectively. Learning through the use of models, hands-on activities, experimentation, and web-based research will be included.

Successful completion of this course will be measured through performance assessments such as tests, quizzes, laboratory portfolio, notebook completion, and research-based projects.

This course satisfies component C (lab/inquiry based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.

Course Title:	Marine Science	Course Number:	5L1MS
Grade(s):	10-12	Credits:	5
Prerequisites:	Biology - passing grade	Length:	Full Year

Course Description:

Marine Science is designed for those students who want to study the geophysical and living components of the marine ecosystem.

This course requires students to utilize and apply biological and physical theories to one of the most diverse, productive, and interesting biomes on the planet.

Successful completion of this course will be measured through performance assessments of investigative lab activities, tests, classwork, homework, participation, and research projects, as well as a final exam.

This course satisfies component C (lab/inquiry based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.

Course Title:	Microbiology	Course Number:	5L1MB
Grade(s):	10-12	Credits:	5
Prerequisites:	Biology	Length:	Full Year

Course Description:

Microbiology is designed for students who want to acquire knowledge concerning bacteria, viruses, and other microorganisms. Important topics discussed are microorganism structure and life processes, the role of microorganisms in disease, immunological response to microorganisms, and means of controlling microorganisms through cleaning, sterilization, or medical treatment.

This course requires students to understand how bacteria and other microorganisms live, evolve, and infect hosts. Students will perform many experiments where they will apply their newly gained knowledge and utilize aseptic techniques. They will analyze data from their experiments and report the data accurately and concisely, as would be done in an actual lab setting. This course is applicable for students wishing to pursue a career in medicine, research, or culinary arts, or any student wanting to further their scientific knowledge of microbes.

Students will develop skills by completing full experiments from start to finish. It is a hands-on, lab-oriented class. Students will plan experiments, prepare necessary solutions, grow bacterial cultures, investigate different conditions, record and analyze data, make conclusions, and summarize their findings in lab reports.

Successful completion of this course will be measured by unit assessments, completeness of laboratory notebooks, creation of a 10-minute PowerPoint presentation, and a comprehensive final assessment. This course satisfies component C (lab/inquiry based science class), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.

Course Title:	Physics	Course Number:	5L1PH
Grade(s):	9-12	Credits:	6
Prerequisites:	Biology – passing grade	Length:	Full Year

	Algebra (any course) – B or better **Incoming freshman: A- or better in Acc. Algebra I 95% or higher on the 8th grade placement assessment.		
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Course Description:
<p>Physics requires students to apply analytical skills, measurement skills, basic algebra operations, simple mathematical calculations, and problem-solving skills while learning the laws of physics.</p> <p>Students will develop an understanding through problem-solving, using scientific apparatus and instruments, comparing results, analyzing lab results, and interacting with classmates during laboratory investigations. Successful completion of this course will be measured by performance on quizzes, tests, laboratory performance and analysis, classwork, homework, classroom discussions, projects, and a final exam.</p> <p>This course satisfies component B (environmental science, chemistry, or physics), and accounts for five (5) out of fifteen (15) necessary science credits required for graduation.</p>

Academy of Health Science Careers

This is a predetermined track of classes that supports students that are focused in working in the health-related careers. Currently, Nutley partners with Rutgers University, School of Health Related Professions (SHRP) to offer dual enrollment courses (earn credits from Rutgers University). Students will enter the program during sophomore or junior year, and progress through coursework that will move them through 9 semester classes that will enable them to earn up to 28 college credits, and graduate with distinction from Nutley High School in the Health Related Program. Students that maintain an “A” average, and earn over 21 college credits through this program will graduate with honors.

This program will be open to 24 students per year, and there will be an interview/application process. Prerequisite courses include Biology and Algebra, and students must take Chemistry concurrently during their sophomore year. Students must maintain a B (combination of Rutgers summative assessment - 50%, and Nutley course grade - 50%) or better in their coursework. The Academy of Health Science Careers application can be found on page 162 of the Program of Studies.

Students will take the summative assessment from Rutgers University for these courses. Students must score a 60% or better on summative assessment to remain in the program (students must score a 70% or better on summative assessment to earn college credit).

Students will also be required to Join HOSA (Health Occupation Student Association), a national student organization that provides a unique program of leadership, development,

motivation, and recognition exclusively for secondary, postsecondary, collegiate, and adult students enrolled in health science. Students can participate in the fall leadership conference, as well as performance competitions in various areas covered by coursework in this program. HOSA is a co-curricular organization that provides students with training the classroom, as well as certificates of proficiency in certain areas.

Course Title:	Leadership and Dynamics in Health Care Honors	Course Number:	5L1LD
Grade(s):	10-12	Credits:	5
Prerequisites :	Interview with Academy of Health Science Faculty.	Length:	Full Year

Course Description:	
<p>Introduction to Leadership</p> <p>The Introduction to Leadership marking period is designed to introduce and develop leadership qualities that are consistent with working as a team in the healthcare field. Students will work with the Nutley competency framework to develop effective teamwork practices including cohesiveness, communication, decision making, responsibility, and develop a group identify. During this semester, students will also be introduced to HOSA (Health Occupation Student Association) and develop a leadership structure.</p> <p>Dynamics of Health Care in Society</p> <p>Dynamics of Health Care in Society is an orientation to health care and delivery, from an interdisciplinary perspective, with a focus on process skills to include critical thinking, ethical reasoning, effective communication, and self-directed learning abilities. The professional competencies stress application to general issues and topics common to all health care providers. Emphasis is placed on the role of the health care practitioner as both provider and consumer of health care services.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>	

Course Title:	Emergency and Clinical Care/Fundamentals of Health and Wellness Honors	Course Number:	5L2EF
Grade(s):	12	Credits:	5
Prerequisites :	Enrolled in the Academy of Health Science Careers	Length:	Full Year

Course Description:	
Emergency and Clinical Care	

Emergency and Clinical Care is a course that describes how to respond to emergencies before medical help arrives. The course is designed to give the student the knowledge of how to recognize and respond to an emergency. The intent of the course is to help the student feel more confident in his/her ability to act appropriately in the event of an emergency. Student are prepared to 1) obtain a patient medical history, 2) take and record vital signs relative to medical/dental treatment, and 3) acquire cardiopulmonary resuscitation certification.

Fundamentals of Health and Wellness

This course provides a comprehensive overview of health and wellness. The impact of lifestyle choices on all aspects of personal health are discussed including physical, mental, emotional, social and environmental. The course will explore topics related to nutrition, physical fitness, stress management, disease prevention, substance abuse, and healthy relationships. The information and skills necessary for making informed and healthful decisions to promote wellness will be discussed with an emphasis on self-responsibility.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	Medical Math and Medical Terminology Honors	Course Number:	5L2MT
Grade(s):	11-12	Credits:	5.0
Prerequisites:	Enrolled in the Academy of Health Science Careers	Length:	Full Year

Course Description:

Medical Terminology

This course is the study of words that pertain to body systems, anatomy, physiology, medical processes and procedures and a variety of diseases. It provides specialized language for the health care team, enabling health care workers to communicate in an accurate, articulate and concise manner. This course is designed to give the students a comprehensive knowledge of word construction, definition and use of terms related to all areas of medical science. The course includes but is not limited to terms related to anatomy of the human body, functions of health and disease, and the use of language in processing medical/dental records and claim forms.

Medical Math

This course is designed to provide students with a basic understanding of what clinical research is and the scientific principles on which it is based. The course starts with a historical perspective on clinical research and then goes on to explore in detail the following topics: purpose and phases of clinical research, clinical trial development and conduct, ethical and regulatory implications, and the roles and responsibilities of all parties involved in clinical research.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	Nutrition Honors	Course Number:	5L2NU
Grade(s):	11-12	Credits:	5.0
Prerequisites:	Enrolled in the Academy of Health Science Careers	Length:	Full Year

Course Description:
<p><u>Scientific Principles of Nutrition</u> outlines the relationship of diet, lifestyle, and the prevention of disease. An overview of the digestion, absorption, and metabolism of protein, carbohydrates, fat, vitamins, and minerals is provided. Nutrition needs at various stages of the lifespan are stressed. Applying the science of nutrition to your life including needs for fitness and physical activity, evaluating nutrition claims, food labeling, and other consumer concerns are emphasized.</p> <p><u>Nutrition and the Lifespan</u> outlines life cycle nutrition including pregnancy and lactation, infancy, childhood and adolescence, the adult and the later years. Nutrition needs at various stages of the lifespan are stressed, and additional topics include complementary and alternative medicine, hunger and the global environment, and consumer concerns about food and water including the Servsafe® food handler course and exam. Applying the science of nutrition to the lifespan including prevention of chronic disease, food safety and biotechnology, and environmentally-friendly food choices will be explored.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>

Social Studies

Department Description

The goal of the social studies department is as old as the American experiment in public education, in that it seeks to educate future citizens for effective participation in our democracy. To this end, the department offers a multi-level program in American history that fulfills the two-year state requirement in this field. Recognizing that the decisions taken by our citizens affect the rest of the world, the department also offers a study of world history that satisfies the state requirement of five credits in global studies. With a world to explore, the department seeks to make the past come alive through *The Archaeology of the Ancient World* and *European History*. Exposure to the contemporary social sciences can be obtained by enrolling in *Sociology* or *Macroeconomics*, *Race in America*, or *Holocaust and Genocide Studies*. Students wishing to gain Advanced Placement credits for college can attempt to do so by taking *AP United States History*, *AP Government and Politics*, *AP Macroeconomics*, and/or *AP Human Geography*.

Course Descriptions

Course Title:	World History	Course Number:	6L1WH
Grade(s):	9	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

World History aims to provide students with the knowledge and skills necessary to serve as effective and informed citizens of the United States and the global community.

This course requires students to utilize the social sciences of geography, history, economics and political science to analyze the factors contributing to the creation of the modern world, and to articulate informed positions on contemporary issues. Students will also be expected to evaluate the historical record for bias and competing cultural perspectives. The year A.D. 1300 will serve as the approximate start of the chronological study. This study will build upon the concepts of core regions and multiple causation of historical events.

Students will build or develop skills through spatial analysis of geographic information, the interpretation of documents and other historical sources, researching historical events and contemporary issues, and communicating this information in appropriate research papers, projects, and class presentations.

Successful completion of this course will be measured by projects, presentations, tests, and research papers. The completion of a formal research paper, in conjunction with the Library Skills Curriculum, is mandated for completion of the course.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of social studies, five (5) of which must be in world history.			
Course Title:	World History Honors	Course Number:	6L1WH
Grade(s):	9	Credits:	5
Prerequisites:	Advanced Proficiency on Common Assessments and Teacher Recommendation	Length:	Full Year

Course Description:	
<p>World History Honors aims to provide students with the knowledge and skills necessary to serve as effective and informed citizens of the United States and the global community.</p> <p>This course requires students to utilize the social sciences of geography, history, economics and political science to analyze the factors contributing to the creation of the modern world, and to articulate informed positions on contemporary issues. Students will also be expected to evaluate the historical record for bias and competing cultural perspectives. The year AD 1300 will serve as the approximate start of the chronological study. This study will build upon the concepts of core regions and multiple causation of historical events. An introduction to the problems of historiography will provide the context for the evaluation of different interpretations by historians.</p> <p>Students will develop skills through spatial analysis of geographic information, the interpretation of documents and other historical sources, researching historical events and contemporary issues, and communicating this information in appropriate research papers, projects, and class presentations.</p> <p>Successful completion of this course will be measured by projects, presentations, tests, document-based questions, and research papers. The completion of a formal research paper, in conjunction with the Library Skills Curriculum, is mandated for completion of the course.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of social studies, five (5) of which must be in world history.</p>	

Course Title:	US History I	Course Number:	6L1UH
Grade(s):	10	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:	
<p>United States History I is designed to provide students with the necessary knowledge and skills to serve as active and informed citizens of a vibrant American democracy.</p>	

This course requires students to develop a working historical knowledge of the origins of the American Republic by offering differing, scholarly versions of the American founding and the impact that changing conceptions of freedom had on our nation's development. Changing perspectives on the Constitution concurrent and the expansion and denial of freedom within an ever more diverse population will serve as organizing concepts for the course. Students will also utilize the social sciences of economics, political science, and geography to inform their analysis of the founding and expansion of the American nation. The course will commence with the "collision of three worlds" and conclude with the study of modern America during the 1920s.

Students will develop skills through the interpretation of documents, data, and other historical sources, researching historical events and contemporary issues, and communicating this information in appropriate research papers, projects, and class presentations. Students will also utilize geography skills to analyze the transformation of core regions and the importance of movement in the growth of the American nation.

Successful completion of this course will be measured by projects, presentations, tests, document-based questions, and research papers. The completion of a formal research paper is expected.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of social studies, specifically satisfaction of the requirement of two years of study of American history.

Course Title:	US History I Honors	Course Number:	6L1UH
Grade(s):	10	Credits:	5
Prerequisites:	World History – A World History Honors – B+ or better and/or Teacher Recommendation.	Length:	Full Year

Course Description:

US History I Honors is designed to provide students with the necessary knowledge and skills to serve as active and informed citizens of a vibrant American democracy.

This course requires students to develop a working historical knowledge of the origins of the American Republic by offering differing, scholarly versions of the American founding and the impact that changing conceptions of freedom had on our nation's development. In addition, the honors program will serve as the first year of study for AP United States History, and develop the concepts and analytical skills required for success on the AP exam. Changing perspectives on the Constitution and the concurrent expansion and denial of freedom within an ever more diverse population will serve as organizing concepts for the course.

Students will also utilize the social sciences of economics, political science, and geography to inform their analysis of the founding and expansion of the American nation. The course will commence with the “collision of three worlds” and conclude with the study of modern America in the 1920s.

Students will develop skills through the interpretation of documents, data, and other historical sources, researching historical events and contemporary issues, and communicating this information in appropriate research papers, projects, and class presentations. Careful attention will be given to the detection of perspective and bias in documents, and to the understanding of the basic principles of historiography. Students will also utilize geography skills to analyze the transformation of core regions and the importance of movement in the growth of the American nation.

Successful completion of this course will be measured by projects, presentations, tests, document-based questions, and research papers. The completion of a formal research paper and/or book review each marking period is required.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of social studies, specifically satisfaction of the requirement of two years of study of American history.

Course Title:	Humanities II Honors: The American Experience	Course Number:	6L2HU
Grade(s):	11-12	Credits:	5
Prerequisites:	- A in US History I/II or English I/II OR - B+ or better in US History I/II Honors or English I/II Honors AND - AP Form/Interview with course instructor	Length:	Full Year

Course Description:
<p>Humanities II Honors: The American Experience is designed for students interested in using an interdisciplinary approach to investigate major themes that have characterized American history and culture.</p> <p>This course requires students to reflect on themselves and their place within the American Experience and to understand America’s rich history through a thematic examination of the literature, history, thought, and fine arts.</p>

Students will develop and build skills through language, cognition, and sensory perception by participating in a variety of classroom and field trip experiences.

Throughout the course, teacher(s) will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by practice in developing, examining, and expressing the student's own thoughts and interpretations within the various areas of the American Experience. Course themes may include but will not be limited to - Identity, Oppression, Leadership, and Conflict. Course themes will guide class analysis of relevant art, music, literature, history, and philosophical thought across the spectrum of American history. Students will gain experience and confidence in their ability to share ideas and use language with clarity, force, fluency, and imagination. Students will write argumentative, narrative, and informative pieces. Students will be assessed on their reading, writing, speaking, and listening skills.

In addition to the prerequisites outlined above, students must obtain a recommendation form in order to be admitted to this class.

This course is an elective.

Course Title:	United States History II	Course Number:	6L2UH
Grade(s):	11	Credits:	5
Prerequisites:	United States History I	Length:	Full Year

Course Description:

United States History II is designed to provide students with the necessary knowledge and skills to serve as active and informed citizens of a vibrant American democracy.

This course requires students to develop a working historical knowledge of modern America and the transformation of the nation into a global power. Changing perspectives on the Constitution and the concurrent expansion and denial of freedom within an ever more diverse population will serve as organizing concepts for the course.

Students will utilize relevant concepts from the social sciences of economics, political science, and geography as they analyze the expansion of civil and economic rights, and the role of the United States in global affairs. The course will commence with the crisis of the Great Depression economy and conclude with the contemporary era.

Students will develop skills through the interpretation of documents, data, and other historical sources, researching historical events and contemporary issues, and communicating this information in appropriate research papers, projects, and class presentations. Students will also utilize geography skills to analyze the transformation of core regions and the importance of movement in the growth of the American nation.

Successful completion of this course will be measured by projects, presentations, tests, document-based questions, and research papers. The completion of a formal research paper is expected.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of social studies, specifically satisfaction of the requirement of two years of study of American history.

Course Title:	US History II Honors	Course Number:	6L2UH
Grade(s):	11	Credits:	5
Prerequisites:	US History – A US History I Honors – B+ or better and/or Teacher Recommendation	Length:	Full Year

Course Description:

United States History II Honors is designed to provide students with the necessary knowledge and skills to serve as active and informed citizens of a vibrant American democracy.

This course requires students to develop a working historical knowledge of modern America and the transformation of the nation into a global power. Changing perspectives on the Constitution and the concurrent expansion and denial of freedom within an ever more diverse population will serve as organizing concepts for the course. Students will utilize relevant concepts from the social sciences of economics, political science, and geography as they analyze the expansion of civil and economic rights, and the role of the United States in global affairs. Careful attention will be given to the principles of historiography and the identification of perspective and bias in historical works. The course will commence with the crisis of the Great Depression and conclude with the contemporary era.

Students will develop skills through the interpretation of documents, data, and other historical sources, researching historical events and contemporary issues, and communicating this information in appropriate research papers, projects, and class presentations. Students will also utilize geography skills to analyze the transformation of core regions and the importance of movement in the growth of the American nation.

Successful completion of this course will be measured by projects, presentations, tests, document-based questions, and research papers. The completion of a formal research paper and/or book review each marking period is required.

This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of social studies, specifically satisfaction of the requirement of two years of study of American history.

Course Title:	AP United States History	Course Number:	6L4UH
Grade(s):	11	Credits:	5
Prerequisites:	United States History I Honors – B+ or better AP Recommendation Form and an Interview	Length:	Full Year

Course Description:
<p>AP United States History is designed to provide students with the necessary knowledge and skills to serve as active and informed citizens of a vibrant American democracy and to help them prepare for the AP United States History examination.</p> <p>This course requires students to develop a working historical knowledge of modern America and the transformation of the nation into a global power. Changing perspectives on the Constitution and the concurrent expansion and denial of freedom within an ever more diverse population will serve as organizing concepts for the course. Students will utilize relevant concepts from the social sciences of economics, political science, and geography as they analyze the expansion of civil and economic rights, and the role of the United States in global affairs. Careful attention will be given to the principles of historiography and the identification of perspective and bias in historical works. Students are expected to become proficient in the interpretation of primary source documents in preparation for the document-based questions (DBQ) section of the AP exam. The course will commence with the development of an urban, industrial economy, and conclude with the contemporary era. A review of the content from United States History I Honors will be provided prior to the AP examination.</p> <p>Students will develop skills through the interpretation of documents and other historical sources, researching historical events and contemporary issues, and communicating this information in appropriate research papers, projects, and class presentations. Students will also utilize geography skills to analyze the transformation of core regions and the importance of movement in the growth of the American nation.</p> <p>Successful completion of this course will be measured by projects, presentations, tests, DBQs, and research papers. The completion of a formal research paper and/or book review each marking period is required. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p> <p>This course can be counted in partial fulfillment of the state-mandated fifteen (15) credits of social studies, specifically satisfaction of the requirement of two years of study of American history. Students are required to take the AP exam as part of this course. Failure to complete</p>

the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Archaeology of the Ancient World	Course Number:	6L1AH
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Archaeology of the Ancient World is designed for students who want to explore the mysteries of the ancient world and the questions raised by the archaeological record.</p> <p>This course is an exploration of the ancient past through the sites, artifacts, records, and mysteries of the centuries before the Common Era. Students will learn the methods of the archaeologist and investigate sites and digs through virtual tours, archaeological records, art, documents, and artifacts. The primary focus of the course will be the civilizations of the Fertile Crescent, Egypt, Crete, Greece, and Rome. Field trips to local museums to examine actual remnants of these cultures will be incorporated into the instructional activities.</p> <p>Students will develop skills through excavation of mock archaeological sites, virtual archaeological tours, interpretation of documents and artifacts, creation of replica pottery and artifacts, readings, and presentations.</p> <p>Successful completion of this course will be measured through the creation of reports on the excavations, presentations, debates, tests, quizzes, and the creation of replica pottery and artifacts.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>

Course Title:	European History	Course Number:	6L1EH
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>European History is designed for students who want to explore the foundations of Western civilization and culture and how this dynamic tradition has shaped modern history and the contemporary world.</p> <p>This course enables students to identify the origins of Western civilization as it arose on the European continent, and how this dynamic civilization shaped the contemporary world. Commencing with a brief review of the Classical origins of Western culture, the course will</p>

focus on the profound transformations resulting from the Middle Ages and the Renaissance. Students will also study the conflict between absolutism and constitutionalism, the rise of revolutionary movements and nationalism, and the problem of totalitarianism during the twentieth century. The course will conclude with an examination of the current European Union.

Students will develop skills through the interpretation of primary source documents and images, the reading of important historical works, debating issues, and the exploration of digital resources.

Successful completion of this course will be measured by tests, quizzes, projects, presentations, debates, and research papers.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	AP Government and Politics	Course Number:	6L1GP
Grade(s):	11-12	Credits:	5
Prerequisites:	B+ in the previous honors history course and/or teacher recommendation from a regular level course AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Government and Politics is designed for students who want to develop the skills necessary to analyze and critique the institutions and processes of contemporary American government and to prepare for the AP Government and Politics examination.

This course requires students to acquire college-level knowledge of the theoretical and constitutional foundations of American government, as well as the dynamics of the contemporary political process. The course will focus upon the institutions of American government, as well as political behaviors and the electoral process. Careful attention will be given to both formal and informal institutions of contemporary politics. Students will be expected to analyze important judicial decisions, and to apply these decisions to their comprehension of evolving perspectives on the nature of the Constitution and the role of government, as well as the denial and expansion of freedom during various eras in American history. The course is designed to provide students with the requisite knowledge and analytical skills to pass the AP Government and Politics examination.

Students will develop skills through the analysis of documents, charts, data and court decisions, the creation of budgets, model government hearings and institutions, debates,

presentations, projects, the composition of research and position papers, and field studies, as appropriate.

Successful completion of this course will be measured by assessment of model government activities and debates, tests, projects, presentations, and research and position papers. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Holocaust and Genocide Studies	Course Number:	6L1HO
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Holocaust and Genocide Studies aims to provide students with the knowledge and skills necessary to serve as effective and informed citizens of the United States and the global community, and to support the ideals of human rights and tolerance.

This course will explore not only the events of the Holocaust and other historical genocides, but also probe the causes underlying these atrocities. Attention will be given to the obstacles to a more tolerant global society, and to the means by which human rights may be protected and extended. Students will be expected to utilize the critical thinking skills of the historian as well as the perspectives of the other social sciences to investigate the causes of intolerance, hate, and genocide, as well as the social, economic, and legal foundations of human rights.

Students will develop skills through the interpretation of documents and other historical sources, researching historical events and contemporary issues, spatial analysis of geographic information, comparison and critique of social science theories, and by communicating this information in appropriate research papers, projects, and class presentations.

Successful completion of this course will be measured by projects, presentations, tests, document-based questions, and research papers.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	AP Human Geography	Course Number:	6L1HG
Grade(s):	11-12	Credits:	5
Prerequisites:	Previous History Honors – B+ or better AP Recommendation Form and an Interview	Length:	Full Year

Course Description:
<p>AP Human Geography is designed for students who want to acquire a first-year college level content knowledge of Human Geography and the interactions of humans with their environments, as well as the skills necessary to pass the AP Human Geography examination.</p> <p>This course requires students to focus on the distribution, processes, and effects of human populations on a global scale. Units of study include population, migration, culture, language, religion, ethnicity, political geography, economic development, industry, agriculture, and urban geography. Emphasis is placed on geographic models and their applications. Case studies from around the globe are compared to the context of both the United States and New Jersey. Digital and Internet activities and Geographic Information Systems/Global Positioning Systems (GIS/GPS) technology will be used to augment the student learning experience. Field studies will also be incorporated as appropriate to reinforce the comprehension of key Human Geography concepts.</p> <p>Students will develop skills through the use of GIS and data analysis, field studies, mapping projects, readings, and the interpretation of documents and images.</p> <p>Successful completion of this course will be measured by tests, quizzes, projects, maps, presentations, and research papers, as appropriate. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p>

Course Title:	Macroeconomics	Course Number:	6L1EM
Grade(s):	11-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Macroeconomics is designed for students who want to develop an introductory knowledge of the theory and principles of economics that affect the American economy.</p>

This course requires students to develop the basic skills and concepts of economic analysis. The course places particular emphasis on the study of national income and price determination, and also develops students' familiarity with economic performance measures, economic growth, and the global economy. Contrary to its reputation as the "dismal science", Macroeconomics offers an exciting perspective on the choices that Americans make every day, and on the economic forces that affect our society. Specific case studies are utilized as appropriate, enabling students to access and utilize economic data in a variety of formats.

Students will develop skills through the economic analysis of charts, data, documents, and digital resources. This analysis will be informed by concepts and data derived from the social science disciplines of political science, geography, and history.

Successful completion of this course will be measured by tests, quizzes, student presentations, collaborative projects, and research papers, as appropriate.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	AP Macroeconomics	Course Number:	6L1EM
Grade(s):	11-12	Credits:	5
Prerequisites:	Previous History Honors – B+ or better and/or teacher recommendation from a regular level course AP Recommendation Form and an Interview	Length:	Full Year

Course Description:
<p>AP Macroeconomics is designed for students who want to develop a first-year college level knowledge of the theory and principles of economics that affect the American economy and to prepare for the AP Macroeconomics examination.</p> <p>This course requires students to develop the basic skills and concepts of economic analysis. The primary focus of the course will be upon macroeconomics with special emphasis on basic economic concepts such as scarcity, supply and demand, specialization and comparative advantage, opportunity costs, national income and price determination, economic performance measures, factors affecting economic growth, and international economics. Contrary to its reputation as the "dismal science", AP Macroeconomics offers an exciting perspective on the choices that Americans make every day and on the economic forces that affect our society. Specific case studies are utilized as appropriate, enabling students to access and utilize economic data in a variety of formats.</p>

Students will develop skills through the economic analysis of charts, data, documents, and digital resources. This analysis will be informed by concepts and data derived from the social science disciplines of political science, geography, and history.

Successful completion of this course will be measured by tests, quizzes, student presentations, collaborative projects, and research papers, as appropriate. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript. Project Acceleration credits are available in conjunction with Seton Hall University.

Course Title:	Race in America	Course Number:	6L1RA
Grade(s):	11-12	Credits:	5
Prerequisites:	US History I	Length:	Full Year

Course Description:

Race in America aims to provide students with the knowledge and skills necessary to serve as effective and informed citizens of the United States and the global community, and to contribute to the creation and maintenance of a more just and equitable society.

It is impossible to examine the history of the United States without confronting the issue of race. Any discussion of equity and American ideals must eventually address this subject. This course will approach the issue of race in American from a variety of social science perspectives. Students will examine the social constructs of race, and how it has affected the nation's politics, economy, geography, and economy throughout American history. Students will also investigate the dynamics of contemporary race relations and the effect of race on the realization of American ideals.

Students will develop skills through data analysis, spatial analysis of geographic information, the interpretation of documents and other historical sources, researching historical events and contemporary issues, comparing and critiquing social science theories, and communicating this information in appropriate research papers, projects, and class presentations.

Successful completion of this course will be measured by projects, presentations, tests, document-based questions, and research papers.

This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.

Course Title:	Sociology	Course Number:	6L1SO
Grade(s):	11-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Sociology is designed for students who want to obtain an introductory knowledge of sociology and to explore contemporary social issues from the perspective of the sociologist.</p> <p>This course requires that students apply the theories and methods of the sociologist to a study of contemporary issues. These issues will include culture and social norms, marriage and the family, race relations, conformity and deviance, and the influence of environment and heredity on the socialization process. Students will be expected to summarize the theories of important contributors to the field, such as Durkheim and Weber, and utilize these works as they analyze the causes of, and possible solutions to, current social concerns.</p> <p>Students will develop skills through readings, presentations, case studies, and field work and faculty-guided experiments, as appropriate.</p> <p>Successful completion of this course will be measured by presentations, debates, research papers, tests, quizzes, and position papers.</p> <p>This course can be counted in partial fulfillment of the elective credits towards the *120-credit graduation requirement.</p>

Special Services

Department Description

The programs for special needs students at Nutley High School are designed to serve students with disabilities. The full array and continuum of programs and services in the least restrictive environment are available. Schedules for students are developed by the student, parents, case manager and school counselors to meet individual student needs as prescribed in their Individual Education Program (IEP). Program options include: fully mainstreamed with supplemental aides and services, in class support, replacement instruction, and a self-contained program. The New Jersey Student Learning Standards are addressed in all special education programs. Supplemental services include occupational therapy, physical therapy, and speech therapy. The department also provides a strong transition program with community-based supports for those students who require it.

In-Class Support Program

The Nutley High School in-class support program accommodates students with disabilities within the general education setting. Instruction is based on the New Jersey Student Learning Standards, and differentiated to meet the needs of all learners based on the IEP. There is a shared responsibility between the general education and the special education teacher for lesson planning and ensuring accommodations/modifications are implemented.

Resource Replacement Program

In the Nutley High School resource replacement program, students are instructed in a small group setting. Instruction provides exposure to the New Jersey Student Learning Standards, with a greater focus on the students' individual level of functioning. An individualized approach to instruction is utilized through differentiation of instruction, and guided by the Individualized Education Program (IEP).

Self-Contained Program

The Nutley High School self-contained program is designed to accommodate each student's individual needs with exposure to the New Jersey Student Learning Standards. An individualized approach to instruction will be utilized through differentiation of instruction, and guided by the Individualized Education Program (IEP). In addition, students receive instruction in the areas of daily living, social skills, speech therapy and transition to adult life. Inclusion and mainstreaming opportunities are available to students. The use of accommodations, modifications and positive supports in a small group as delineated in a student's IEP will be used to enhance instruction.

The Self-Contained Program provides a separate learning environment for students whose social, emotional, or behavioral needs require highly supportive and supervised special education services throughout the school day. Students in the self-contained program focus their attention on developing skills for meeting academic requirements, improving social interaction, and developing abilities to manage their behaviors within the high school environment. In addition, students will participate in Nutley High School's Community Based Instruction Program (NHS CBI), which is naturally embedded into their school day. Community Based

Instruction, (CBI) is a research based practice that is utilized to facilitate the transition to adult life for students with disabilities. These experiences will take place in the community rather than the school building in order to provide students with the opportunity to acquire the skills they need to live in the world today. The goal is to provide a variety of hands on learning opportunities through educational instruction in naturally occurring community environments. These life skill activities will enhance classroom instruction.

Each self-contained class is taught by a certified special education teacher with the assistance of teacher's aides or paraprofessionals, where applicable. The self-contained program delivers instruction covering a broad range of regular education courses and remedial special education courses. Students earn credit toward graduation for each course they successfully complete in the self-contained program

Visual Arts and Performing Arts

Department Description

We believe that Visual Arts are a rendering of the world and one's experience within it.. Courses are designed to stimulate and develop creativity by providing a nurturing environment that promotes inquiry and to meet the needs and capabilities of the individual. The art program helps develop critical thinking, visual training and techniques of art production, and aesthetic literacy by increasing students' perceptual awareness of art and helps develop their ability to organize, arrange and present work through critical thought. Students leave with an appreciation for cultural diversity and the role of art in their everyday lives.

Course offerings include a comprehensive and sequenced selection of courses for all students interested in all aspects of visual art. Options include introductory level Art Fundamentals and Art I. Intermediate options include Art II, Advanced Art, and Portfolio Building. Digital Media options include Digital Photography, Graphic Design, and Animation. Students wishing to pursue the arts in-depth, AP offerings include Studio Art: Drawing, 2-D, 3-D, and Art History. Our students participate in and receive honors in numerous art competitions and juried shows. The Art program at Nutley High School provides an opportunity for personal growth and positive character development in every student.

The Music Department at Nutley High School provides students the opportunity to create, perform, critique, and develop an understanding and respect for music in all its forms. Our philosophy is that music is an essential aspect of human existence and music education is therefore a crucial component to the total education of the students at Nutley High School. The performance-based curriculum aims to equip students planning to study music in college with the foundation needed for success, as well as give students with other interests the opportunities only found through music learning and live performance.

Course Descriptions

Visual Art

Course Title:	Art Fundamentals	Course Number:	1A0AF
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Art Fundamentals is designed for students wanting the opportunity to explore various visual art forms, materials and techniques. This course examines the elements and principles of art and design through 2D and 3D approaches to creating and responding to visual arts.

This course requires students to use and manipulate diverse mediums in art. Students will connect, create, and use these learned life skills. Interdisciplinary connections and careers will be explored.

Students will build and develop skills through application of basic elements and principles of art and design. Both observational and fine motor skills will be developed through art and craft production.

Successful completion of this course will be measured through class participation and performance, written and verbal critiques, cooperative learning, leadership capabilities, studio responsibilities, quizzes, tests, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.

Course Title:	Art I	Course Number:	1A1AT
Grade(s):	9-12	Credits:	5
Prerequisites:	Teacher Recommendation and/or 7 th and 8 th grade art sequence	Length:	Full Year

Course Description:

Art I is designed for students who want to develop their critical and creative thinking skills as well as broaden their understanding and appreciation of the visual arts. This course will increase students' proficiency in art techniques and processes through two and three-dimensional work.

This course requires students to scaffold learned skills from the middle school art sequence. Multiple uses and combinations of diverse art mediums will be explored to aid in the development of personal and visual power. Interdisciplinary connections and careers will be explored.

Students will build and develop fine motor skills. Areas of concentration include inquiry and eye training technique, comprehensive understanding of personal and cultural metaphors, symbolism and allegory, abstract thinking, art production, art history, art criticism, aesthetics, presentation, exhibition, and critiques.

Successful completion of this course will be measured through class participation and performance, written and verbal critiques, cooperative learning, leadership capabilities, studio responsibilities, quizzes, tests, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.

Course Title:	Art II	Course Number:	1A2AT
Grade(s):	9-12	Credits:	5
Prerequisites:	Art I or Teacher Recommendation with the 7 th and 8 th grade art sequence	Length:	Full Year

Course Description:
<p>Art II is designed for students who want the opportunity to further develop their artistic skills through the use of advanced concepts and processes. This course builds upon the Art I foundation of art study through the elements and principles of design, drawing, painting, printmaking, and sculpture.</p> <p>This course requires students to explore, apply, and demonstrate various art processes and procedures through a wide range of art mediums and experiences. Students will investigate new mediums and techniques while focusing on compositional elements of design. Art II students will further experiment and create with specific mediums as well as subject matter to create a more in-depth development of personal style throughout the course.</p> <p>Students will develop skills through the application of course content by way of hands-on demonstrations, college presentations, classroom discussions and critiques, art making experiences, and both individual and group projects.</p> <p>Successful completion of this course will be measured through art production and growth, written and verbal critiques, sketchbook development, class participation, and a final portfolio submission.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.</p>

Course Title:	Advanced Art	Course Number:	1A3AT
Grade(s):	10-12	Credits:	5
Prerequisites:	Art I and Art II	Length:	Full Year

Course Description:
<p>Advanced Art is designed for students who want to be exposed to a comprehensive use of media and technique while developing personal and visual concentrations in their work. This course is built around a greater flexibility and fluent use of the elements of art and principles of design, color, theory, and vocabulary.</p>

This course requires students to develop and employ advanced art processes and procedures through a wide range of art mediums and experiences in their portfolio. Students will analyze, interpret, theorize, and make informed judgments about artwork and the nature of art; create two and three dimensional works of art, reflect upon the outcomes and revise their work; relate art to other disciplines, and discover opportunities for integration.

Students will build and develop art creation skills through hands-on demonstrations, experimentation, college presentations, art exhibitions, classroom critiques, art criticism, and individual portfolio development. Various art processes, procedures, and theories are presented in a problem-solving manner that allows for independent choices and personal solutions to problems.

Successful completion of this course will be measured through art production, written and verbal critiques, class participation, performance, cooperative learning, leadership capabilities, portfolio development, studio responsibilities, and final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.

Course Title:	Portfolio Building	Course Number:	1A4PB
Grade(s):	11-12	Credits:	5
Prerequisites:	Advanced Art	Length:	Full Year

Course Description:

Portfolio Building is designed for students who want to develop and create a portfolio for entrance into a higher education art program or sequence into AP Studio Art. Students are exposed to a wide range of medium and breadth.

This course requires students to analyze and apply issues and skills related to form and subject matter while exploring art works created by contemporary and professional artists. Portfolio-building provides the opportunity for students to construct original ideas and formulate artwork to visually communicate them in two and three-dimensional mediums.

Students will build and develop skills through abstract thinking, art production, art criticism, aesthetics, presentation, art exhibits, and critiques. Students will design a portfolio based on a technical quality, personal style, direction, and its intended purpose.

Successful completion of this course will be measured through art production, written and verbal critiques, peer review critiques, class participation, performance, studio responsibilities, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.

Course Title:	AP Studio Art: Drawing	Course Number:	1A4AD
Grade(s):	11-12	Credits:	5
Prerequisites:	Advanced Art or Portfolio Building AP Recommendation Form and an Interview	Length:	Full Year

Course Description:
<p>AP Studio Art: Drawing is designed for students who want a learning experience in drawing equivalent to that of an introductory college studio art course. This College Board program is based on the premise that high achieving secondary school students can successfully develop college-level work.</p> <p>This course requires students to demonstrate and create different approaches to drawing while applying the elements and principles of design (line, shape, color, value, texture and composition) to develop a personal and visual concentration of their work. Students are required to explore a variety of mixed media and drawing techniques in order to develop technical skills and their own personal drawing style.</p> <p>Students will build and develop skills through art production, art history, art criticism, aesthetics, presentation, community and global culture reflections, art exhibitions and critiques.</p> <p>Successful completion of this course will be measured through an art portfolio production, written and verbal critiques, peer review critiques, class participation, performance, cooperative learning, studio responsibilities, and a final portfolio submission. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Fine Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p>

Students are required to submit a portfolio of 24 original art productions along with a written assessment to the state college board for a final examination as part of this course.

Course Title:	AP Studio Art: 2-D	Course Number:	1A4A2
Grade(s):	11-12	Credits:	5
Prerequisites :	Advanced art or portfolio or graphic design AP Recommendation Form and an Interview Digital Photography Recommended	Length:	Full Year

Course Description:
<p>AP Studio Art: 2-D is designed for students who want to have a learning experience in 2-D equivalent to that of an introductory college studio art course. This College Board program is based on the premise that high achieving secondary school students can successfully develop college-level work.</p> <p>This course requires students demonstrate, implement and create artwork using a wide range of media including digital photography and computer-generated work. Students will explore multiple uses and combinations of mediums to develop a personal, visual concentration of their work. Students will be required to formulate original ideas and construct those ideas visually.</p> <p>Students will build and develop skills through art production, art history, art criticism, aesthetics, presentation, community and global culture reflections, art exhibitions and critiques. Students will explore multiple uses and combinations of mediums. They will analyze and apply spatial issues with subject matter while they explore art works created by contemporary and professional artists.</p> <p>Successful completion of this course will be measured through art portfolio production, written and verbal critiques, peer review critiques, class participation, performance, cooperative learning, studio responsibilities, and final portfolio submission. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Fine Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives. Students are required to take the AP exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p>

Students are required to submit a portfolio of 24 original art productions along with a written assessment to the state college board for a final examination as part of this course.

Course Title:	AP Studio Art: 3-D	Course Number:	1A4A3
Grade(s):	11-12	Credits:	5
Prerequisites:	Advanced Art or Portfolio Building AP Recommendation Form and an Interview	Length:	Full Year

Course Description:
<p>AP Studio Art: 3-D is designed for students who want to have a learning experience in 3-D equivalent to that of an introductory college studio art course. This College Board program is based on the premise that high achieving secondary school students can successfully develop college-level work.</p> <p>This course requires students to demonstrate, apply and create artwork using a wide range of 3-D media. Students will explore multiple uses and combinations of mediums to develop a personal, visual concentration with their work. Students will be required to formulate original idea and construct those ideas visually.</p> <p>Students will build and develop skill through art production, art history, art criticism, aesthetics, presentation, community and global visual culture reflections, art exhibitions and critiques. They will analyze and apply spatial issues with subject matter while they explore art works created by contemporary and professional artists.</p> <p>Successful completion of this course will be measured through an art portfolio production, written and verbal critiques, peer review critiques, class participation, performance, cooperative learning, studio responsibilities, and a final portfolio submission. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Fine Arts or partial fulfillment of state and local mandated 25 credits of electives. Students are required to take the AP exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p> <p>Students are required to submit a portfolio of 24 original art productions along with a written assessment to the state college board for a final examination as part of this course.</p>

Course Title:	AP Art History	Course Number:	1A1AH
Grade(s):	10-12	Credits:	5

Prerequisites:	Teacher recommendation	Length:	Full Year
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Course Description:
<p>The AP Art History course explores such topics as the nature of art, its uses, its meanings, art making, and responses to art. This College Board program is based on the premise that high achieving secondary school students can successfully develop college-level work.</p> <p>Through investigation of diverse artistic traditions of cultures from prehistory to the present, the course fosters in-depth and holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, constructing understanding of individual works and interconnections of art-making processes and products throughout history.</p> <p>Successful completion of this course is measured through active class participation and ongoing formal and informal assessment including: research and writing, application of skills, and presentation.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of Fine Arts or partial fulfillment of state and local mandated (twenty-five) 25 credits of electives. Students are required to take the AP exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.</p>

Graphic Art

Course Title:	Introduction to Digital Media and Design	Course Number:	1L1ID
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Introduction to Digital Media and Design is designed for students who want to explore the world of digital media. This course will provide a foundational exploration of the elements and art and principles of design through the lens of 21st Century computer application using Adobe Creative Suite.</p> <p>This course requires students to identify, explore, and apply functions of the Mac Operating System including iPhoto and iMovie as well as Adobe Creative Suite software programs including PhotoShop, Illustrator, InDesign, and Bridge. Students will discuss and employ commercial and personal applications of digital media as well as generate and evaluate a personal portfolio of digital artwork.</p> <p>Students will develop skills through application of course content by way of hands-on demonstrations, classroom discussions, photo taking opportunities, and individual project-based outcomes.</p>

Successful completion of this course will be measured by class participation, lab work, quizzes, and a final portfolio submission.

This course will meet five days per week and can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.

Course Title:	Digital Photography I and Design	Course Number:	1L1DP
Grade(s):	10-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Digital Photography I and Design is designed for students who want to explore the world of digital photography. This course provides an introduction to the technology that is catapulting the photographic and design world into the 21st Century.

This course requires students to identify, explore, and apply functions of a digital camera, photography equipment and Adobe Creative Suite software programs. Students will discuss and employ commercial and personal applications of digital photography as well as generate and evaluate a personal portfolio of digital artwork.

Students will develop skills through application of course content by way of hands-on demonstrations, classroom discussions, photo taking opportunities, and individual project-based outcomes.

Successful completion of this course will be measured by class participation, lab work, quizzes, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.

Course Title:	Digital Photography II and Multimedia	Course Number:	1L2DP
Grade(s):	10-12	Credits:	5
Prerequisites:	Digital Photography and Design OR by Digital/Art Teacher Recommendation Through Portfolio Interview	Length:	Full Year

Course Description:
Digital Photography II and Multimedia is designed for students who want to expand their skill and knowledge of Digital Photography by combining camera manipulation and composition with various software programs to become more media literate.
This course requires students to utilize advanced camera settings and composition to understand various themes in photography such as portraits, motion, black and white, macro, and landscape photography. Students will analyze the work of photography masters and apply these techniques to their own work.
Students will develop skills through application of course content using hands-on demonstrations, classroom discussions, research of famous photographers, in-house and off-campus photo shoot opportunities, and group and individual short-term and long-term projects.
Successful completion of this course will be measured through monthly photographic theme submissions, various photo shoots, lab work assignments, class participation, portfolio design, and a final portfolio submission.
This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of the state and local mandated twenty-five (25) credits of electives.

Course Title:	Graphic Design I	Course Number:	1L1GD
Grade(s):	10-12	Credits:	5
Prerequisites:	Digital Photography or Art I and/or teacher recommendation	Length:	Full Year

Course Description:
Graphic Design is a course in which students will develop their ability to communicate ideas through a variety of graphic and digital media. Using the Adobe Suite, Photoshop, and InDesign, students learn the basics of graphic design in preparation for original art combining typography, page layout, and integrated graphic elements. Instruction will be given in the following areas: <ul style="list-style-type: none"> • Elements of art and principles of design; mechanical and computer design methods; printmaking; finishing of graphic products; and historical and cultural development of graphics, advertising, and the printing industries. <p>The course will provide opportunities for students to engage in relevant 21st century problem solving skills, organizing ideas, creating meaning in their original work, public speaking, and the ability to work ideas into new and useful creations.</p> <p>.</p>

Successful completion of this course will be measured through monthly photographic theme submissions, various photo shoots, lab work assignments, class participation, portfolio design, and a final portfolio submission.

This course can be counted in fulfillment of the state mandated five (5) credits of Visual and Performing Arts or in partial fulfillment of state and local mandated twenty-five (25) credits of electives.

Course Title:	Graphic Design II	Course Number:	1L2GD
Grade(s):	10-12	Credits:	5
Prerequisites:	Digital Photography II and Multimedia or Graphic Design I and teacher recommendation	Length:	Full Year

Course Description:

Graphic Design II provides an opportunity for students to explore advanced topics in the elements of art and principles of design, software applications, and printmaking. Students will engage in real world, problem-based graphic design initiative and produce professional quality solutions.

The course will engage students in relevant 21st century problem solving skills, independent learning, organizational skills, public speaking, critique methodology, and writing.

Successful completion of this course will be measured through submission and critique of projects, evaluation of photo shoot quality, lab work assignments, class participation, peer collaboration, portfolio design, and final portfolio submission.

The course will meet five days per week and can be counted in fulfillment of the five (5) credits of Fine and Performing Arts graduation requirement or in partial fulfillment of the state and local mandated twenty-five (25) credits of electives.

Course Title:	Design and Animation Honors	Course Number:	1L3DA
Grade(s):	11-12	Credits:	5
Prerequisites:	Digital Photography II or Graphic Design II; AND Teacher recommendation	Length:	Full Year

Course Description:

Design and Animation Honors is an advanced level course designed for students to focus on professional level work in the field of digital media and web/app prototyping.

This course requires students to design and market integrated web, print, and interacting campaigns and will require students to apply advanced skills using the MacOS, Creative Suite, and other digital media platforms.

Students will develop skills through application of course content by way of participating in professional design campaigns.

Successful completion of this course will be measured through class participation, lab work, quizzes, and a final portfolio submission.

The course will meet five days per week and can be counted in fulfillment of the five (5) credits of Fine and Performing Arts graduation requirement or in partial fulfillment of the state and local mandated twenty-five (25) credits of electives..

Music and Theatre

Course Title:	Music Explorations	Course Number:	1M1ME
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:	
<p>Music Explorations is designed for students who want to explore introductory music topics and skills. The course incorporates a survey of music history and style, an introduction to basic keyboard (piano) skills, and introductory music technology projects.</p> <p>Students will build, develop, and apply knowledge through the study of music history from medieval to contemporary times, build skills on the keyboard through routine practice and apply these and other skills to music technology projects.</p> <p>Successful completion of this course is measured through class participation and on-going formal and informal assessments.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>	

Course Title:	Survey of Popular Music	Course Number:	1L1PM
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:	
<p>This class is a historical survey of Popular and Rock music from the 1950s through the present and has a two-part focus:</p>	

- o Chronological identification of the various styles of popular music, including stylistic characteristics, musical influences, and the principal artists. (Emphasis on listening and discussion.)
- o The identification, articulation, and influences of popular music styles within the context of the major social, political, cultural, economic, and musical trends in American society. (Emphasis on reading, discussion, and research.)

Successful completion of this course is measured through active class participation and ongoing formal and informal assessment including: research and writing, critique, presentation, and composition.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Academy of Fine and Performing Arts Seminar Honors	Course Number:	1L1AA
Grade(s):	10-12	Credits:	3
Prerequisites:	Application and Interview	Length:	Full Year

Course Description:	
Academy of Fine and Performing Arts Seminar Honors is designed for students committed to pursuing the arts (music, theatre, fine art, and dance) at the college level.	
This course provides a curriculum that enables students to develop a broader understanding of their roles as artists and how the different art genres and/or mediums relate. Students develop their individual art/music/dance skills, explore the artistic interests of their peers, gain an appreciation for art/music/dance history, and develop/refine audition and portfolio skills needed for college applications, interviews, and auditions.	
Successful completion of this course will be measured by class participation, listening exams, art critiques, performance critiques, performance assessments, and audition preparation readiness.	
This course will meet three days a week during zero period and can be counted in fulfillment of three (3) of the five (5) credits of the Visual and Performing Arts graduation requirement.	

Course Title:	Vocal Explorations	Course Number:	1M1VE
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
Vocal Explorations is a performance-based choral class open to all students without audition. The course is intended to foster a love for music and passion for singing through the development of vocal technique and repertoire.
Students will develop a range of skills including, but not limited to: Develop classical vocal technique Foster the ability to read music Understand and apply principles of music theory and analysis Appreciate and describe the historical and cultural contexts of music Synthesize and critique elements of musical performance
Successful completion of this course will be measured through the assessment of technical and performance-based skills, aspects of composition, as well as a variety of written assessments.
This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation. graduation requirement. The course may serve as a prerequisite for recommendation to audition for Choralettes or Concert Choir.

Course Title:	Choralettes	Course Number:	1M1CR
Grade(s):	9-12	Credits:	5
Prerequisites:	Audition	Length:	Full Year

Course Description:
Choralettes is designed for students want to participate in a women's choir and develop vocal technique and musicianship skills. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.
This course requires students to perform with proper vocal technique, understand and apply music theory concepts, analyze and describe the historical and cultural context of music, utilize the expressive qualities of music, and demonstrate an ability to read music and participate in the process of critique.
Students will develop skills through the study, analysis, and performance of treble/women's choral repertoire and sight-singing exercises.
Successful completion of this course will be measured through class participation, repertoire and sight-singing testing, as well as written and performance assessments. Student participation in performances beyond the regular school day is expected as performances are an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation. This course also serves as a prerequisite for Concert Choir for all soprano and alto singers.

Course Title:	Concert Choir	Course Number:	1M1CC
Grade(s):	9-12	Credits:	5
Prerequisites:	Audition	Length:	Full Year

Course Description:

Concert Choir is designed for students who want to explore and perform varied and challenging choral repertoire in a large ensemble setting. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.

This course requires students to take into account proper vocal production, theory/fundamentals, historical context, musical elements, and appropriate performance practice.

Students will build and develop music skills through the study, analysis and performance of a variety of choral repertoire ranging from the middle ages through modern/contemporary works.

Successful completion of this course will be measured through class participation, and part and theory assessment, as well as performance assessments. Student participation in performances beyond the regular school day is expected as performances are an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Concert Choir	Course Number:	1M1CC
Grade(s):	9-12	Credits:	5
Prerequisites:	Audition	Length:	Full Year

Course Description:

Concert Choir is designed for students who want to explore and perform varied and challenging choral repertoire in a large ensemble setting. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.

This course requires students to take into account proper vocal production, theory/fundamentals, historical context, musical elements, and appropriate performance practice.

Students will build and develop music skills through the study, analysis and performance of a variety of choral repertoire ranging from the middle ages through modern/contemporary works.

Successful completion of this course will be measured through class participation, and part and theory assessment, as well as performance assessments. Student participation in performances beyond the regular school day is expected as performances are an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Humanities I Honors: Foundations of the Western World	Course Number:	1L1HU
Grade(s):	9-10	Credits:	5
Prerequisites:	9th Grade: - Recommendation from 8th grade team/teacher 10th Grade: - A in World History or English I OR - B+ or better in World History Honors or English I Honors AND - AP Form/Interview with course instructor	Length:	Full Year

Course Description:

Humanities I Honors is an immersive, interdisciplinary experience focusing on the development of student geospatial literacy through central concepts and developments in philosophy, architecture, literature, music, religion, and art from the Medieval, Renaissance, and Classical eras.

Geospatial literacy describes an individual's ability to view, interact, and interpret their world. This course requires students to reflect on themselves and their place in the

contemporary world relative to works that have had a profound impact on the human experience, and build skills through language, cognition, and sensory perception by participating in a variety of performance-based classroom and field trip experiences.

Throughout the course, teachers will assess the learners and provide feedback to support individual growth and achievement. Successful completion of this course will be measured by practice in developing, examining, and expressing the student's own thoughts and interpretations. They will gain experience and confidence in their ability to share ideas and use language with clarity, force, fluency, and imagination.

In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.

Course Title:	Chamber Singers Honors	Course Number:	1M1CS
Grade(s):	10-12	Credits:	5
Prerequisites:	One year Concert Choir and an Audition	Length:	Full Year

Course Description:

Chamber Singers Honors is designed for students who want to explore and learn more difficult choral repertoire at a vigorous pace and perform frequently throughout the school year. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.

This course requires students to perform with proper vocal technique, understand and apply music theory concepts, analyze and describe the historical and cultural context of music, utilize the expressive qualities of music, and demonstrate an ability to read music.

Students will develop skills through the study, analysis, performance, and critique of varied choral repertoire from the middle ages through modern/contemporary works.

This course also requires students to participate in one lesson lab period per week. These small group instruction lessons will reinforce concepts being covered in all instrumental and honors music ensembles. Lesson labs will be scheduled in the fall.

Successful completion of this course will be measured through class participation, written/research assignments, part and theory testing, sight singing exams and performance assessments. Student participation in performances beyond the regular school day is expected as performances are an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Concert Band	Course Number:	1M1CB
Grade(s)::	9-12	Credits:	5
Prerequisites:	Audition/Teacher Recommendation	Length:	Full Year

Course Description:
<p>Concert Band is designed for music learning through instrumental performance. This course requires students to take into account proper instrumental technique, theory/fundamentals, historical context, musical elements, and appropriate performance practice. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.</p> <p>Students will build and develop skills through the study and performance of quality concert band repertoire from classic through modern/contemporary wind band works.</p> <p>This course also requires students to participate in one lesson lab period per week. These small group instruction lessons will reinforce concepts being covered in all instrumental & honors music ensembles. Lesson labs will be scheduled in the fall.</p> <p>Successful completion of this course will be measured by engaged class participation, and part and theory assessments, as well as performance assessments. Student participation in performances beyond the regular school day is expected as performances are an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Wind Ensemble Honors	Course Number:	1M1WE
Grade(s):	10-12	Credits:	5
Prerequisites:	One year of Concert Band and an Audition	Length:	Full Year

Course Description:
<p>Wind Ensemble Honors is designed with the emphasis on advanced music learning through performance.</p> <p>This course requires students to take into account proper instrumental technique, theory/fundamentals, historical context, musical elements, and appropriate performance practice. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.</p>

Students will build and develop skills through the study and performance of difficult wind band repertoire from classic through modern/contemporary wind band works. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.

This course also requires students to participate in one lesson lab period per week. These small group instruction lessons will reinforce concepts being covered in all instrumental & honors music ensembles. Lesson labs will be scheduled in the fall.

Successful completion of this course will be measured by engaged class participation, part and theory assessments, and performance assessments. Student participation in performances beyond the regular school day is expected as performances are an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Orchestra	Course Number:	1M1OR
Grade(s):	9-12	Credits:	5
Prerequisites:	Audition/Teacher Recommendation	Length:	Full Year

Course Description:

Orchestra is designed for students who want to explore and learn both classic and modern orchestral literature, and to become more accomplished and well-rounded musicians on their respective instruments.

This course requires students to understand and apply music theory and fundamentals, musical elements, historical context, relation of music to the other arts, and appropriate performance practice. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.

Students will build and develop skills through the study and performance of orchestral literature for strings and full orchestra, from the baroque period through modern day.

This course also requires students to participate in one lesson lab period per week. These small group instruction lessons will reinforce concepts being covered in all instrumental & honors music ensembles. Lesson labs will be scheduled in the fall.

Successful completion of this course will be measured through class participation and on-going part testing and skills assessments, as well as performance assessments. Student participation in performances beyond the regular school day is expected as performances are

an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Jazz Lab	Course Number:	1M1JL
Grade(s):	9-12	Credits:	5
Prerequisites:	Audition	Length:	Full Year

Course Description:

Jazz Lab is designed to teach jazz literature through performance.

This course requires students to take into account proper instrumental technique, theory/fundamentals, historical context, musical elements, improvisation technique, and appropriate performance practice. Performances are an integral part of the course and include concerts, competitions, festivals and special events, which will be outlined in a performance calendar.

Students will build and develop skills through the study and performance of multiple Jazz styles ranging from the roots of classic Jazz through modern/contemporary forms of Jazz fusion.

This course also requires students to participate in one lesson lab period per week. These small group instruction lessons will reinforce concepts being covered in all instrumental & honors music ensembles. Lesson labs will be scheduled in the fall.

Successful completion of this course will be measured by engaged class participation, and part and theory assessments. Student participation in performances beyond the regular school day is expected as performances are an indispensable function of the curriculum intended to culminate student core academic learning and provide character-building experiences.

This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.

Course Title:	Music Fundamentals I	Course Number:	1M1MF
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Music Fundamentals I is designed to provide a fundamental understanding of music theory and music analysis. Through exercises, recreations, and analysis, students will identify musical concepts and construct a theoretical framework for comparison to modern musical trends.</p> <p>Students will engage in the basics of rhythm and note reading, scales, intervals, harmony and usage. Technology will be used with a student-centered component that is project-based to reinforce aural and theoretical concepts.</p> <p>Successful completion of this course will be measured by engaged class participation, project and performance assessments, as well as the application of music theory to performance practice.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Music Fundamentals II	Course Number:	1M2MF
Grade(s):	10-12	Credits:	5
Prerequisites:	Music Fundamental I and Teacher Recommendation	Length:	Full Year

Course Description:
<p>Music Fundamentals II is designed to study music from a theoretical perspective with a focus on the common practice period through the modern age. Through exercises, recreations, and analysis, students will identify musical concepts and construct a theoretical framework for comparison to modern musical trends.</p> <p>Students will engage in gestural and four-part harmonic analysis, chromaticism, 20th century music, a-tonality, and modern popular music. Technology projects will be incorporated to reinforce aural and theoretical concepts.</p> <p>Successful completion of this course will be measured by engaged class participation, project and performance assessments, as well as the application of music theory to performance practice.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of the Visual and Performing Arts, or in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Stage Craft	Course Number:	1L1SC
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Grade(s):	10-12	Credits:	3
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Stagecraft is a hands-on course that gets students working with the tools and techniques of theatrical production in a practical way. The objective of this course is to introduce the student to the fundamental elements and principles of technical theatre through hands-on learning that makes use of the production facilities, operations, methods, and technologies used in the Nutley High School Auditorium, and to relate these practices to those used in professional, amateur, and educational theaters. The course will include a brief history of theatrical stages and technology, and an overview of professional theatre and associated labor unions. Students will learn the functions of the creative team, production staff, technicians and stage crew. Basic elements of scenic construction, design concepts, theatrical lighting, sound technologies, costuming, and stage management will be introduced and assessed through practical application. Participation in the NHS Stage Crew or as an actor in either fall/spring productions is required for this course.</p> <p>Stagecraft will meet zero period.</p> <p>Successful completion of this course is measured through active, hands-on class participation, ongoing formal and informal assessment including: research and writing, application of skills, public speaking, and presentation.</p> <p>This course can be counted in partial fulfillment of the twenty-five (25) credits of electives required for graduation.</p>

Course Title:	Survey of Theatre	Course Number:	1L1ST
Grade(s):	9-12	Credits:	2.5
Core Requisites:	Must be taken with Theatre Arts 1	Length:	Half Year

Course Description:
<p>This course is designed to introduce students to the theatrical experience. Students will interact with the history and genres of theater from the Roman and Medieval periods through contemporary theatre. Students will explore stage geography and terms associated with theatrical production. Students will also engage their personal forms of expression and ways to channel and focus through scripted work to create a character with organic and dynamic expression. Students' appreciation of viewing theatrical productions is enhanced as they become aware of all necessary steps in mounting a play. The course will enable students to make informed critical and aesthetic judgments, create, and understand the historical and cultural influences of theater.</p> <p>Successful completion of this course is measured through active class participation and ongoing formal and informal assessment including: research and writing, application of skills, public speaking, and presentation.</p>

The course will meet for one semester or two marking periods, and the two and a half (2.5) credits can be counted as partial fulfillment of the state mandated five (5) credits of the Visual and Performing Arts.

Course Title:	Theatre Arts 1	Course Number:	1L1TA
Grade(s):	9-12	Credits:	2.5
Co-Requisites:	Must be taken with Survey of Theatre	Length:	Half Year

Course Description:

Theatre Arts will provide studio experience opportunities for students to explore skills and techniques including script and character analysis and development, interpretation, diction, stage movement, acting techniques, and the audition process. The focus of the course will explore connection between the personal expression of the actor and the character demands of the script. Students gain a deeper understanding of the process of preparing psychologically and physically for a performance piece.

Successful completion of this course is measured through active class participation and ongoing formal and informal assessment including: research and writing, application of skills, public speaking, and presentation.

The course will meet for one semester or two marking periods, and the two and a half (2.5) credits can be counted as partial fulfillment of the state mandated five (5) credits of the Visual and Performing Arts.

Course Title:	Theatre Arts 2	Course Number:	1L2TA
Grade(s):	10-12	Credits:	5
Pre-Requisites:	Survey of Theatre/Theatre Arts 1	Length:	Full Year

Course Description:

Theatre Arts II builds on the foundational skills introduced in Survey of Theatre and Theatre Arts I in the areas of theatre history, characterization, playwriting and analysis, auditioning, directing, roles and responsibilities of the production team, and improvisation. The course will provide opportunities for students to more deeply explore the creation of a character by learning about the history of acting, including various acting methods, and performing contrasting monologues and classical scenes. Students will also participate in voice and diction training, learn about and apply audition techniques for both stage and camera, and strengthen their improvisation skill set through more advanced improv games and activities. The course will culminate in a fully staged production of an original student work.

Successful completion of this course is measured through active class participation and ongoing formal and informal assessment including: research and writing, application of skills, public speaking, and presentation.

The course will meet for one year or four marking periods, and the five (5) credits can be counted as fulfillment of the state mandated five (5) credits of the Visual and Performing Arts.

World Languages

Department Description

The World Languages department of the Nutley Public Schools holds forth a vision of excellence for all students. Our goal is to develop a community of lifelong learners where children have healthy self-esteem, respect and compassion for others, essential and technological knowledge, and the creative problem-solving skills needed to meet the challenges of successful citizenship in an ever-changing global society.

In a world that is experiencing major growth, the ability to understand and to express in more than one language will increase one's awareness and appreciation of multicultural diversity. In today's global society, the study of a second language and culture is fundamental to a sound education. Along with enjoying the complexities of second language acquisition, our students will also develop the skill sets for:

- Communicating with individuals from other nations/cultures
- Understanding the marriage between language and culture
- Becoming more cognizant of the world in which we live
- Applying acquired knowledge to new learning experiences
- Using the language of study in the community as well as in various career opportunities

Via the development of these skills, students will realize that learning another language is critical to personal and academic success.

Learning occurs in meaningful, communicative contexts that carry significance for the student. Reading and writing are used as tools appropriate to the level and interest of the learners. Language structures and features are presented as tools for fruitful communication within the unit of study. Assessment is frequent and ongoing in a manner that is consistent with our program goals and teaching strategies. Proficiency in reading writing, speaking and listening will be measured via the guidelines prescribed by the American Council on the Teaching of Foreign Languages (ACTFL).

Nutley Public Schools' World Language program is designed to build fluency in the target language through an extended sequence of courses. Our students are invited and challenged to continue their study of the target language throughout their tenure at Nutley High School.

SEAL OF BILITERACY

The New Jersey Department of Education State Seal of Biliteracy identifies graduating high school students who are able to demonstrate proficiency in English in addition to one or more world languages. The State Seal of Biliteracy certifies that a high school graduate has:

- ☐ demonstrated proficiency in English by meeting English language arts graduation requirements or attained the appropriate cut score on the ACCESS for ELLs assessment (for English Language Learners)
- ☐ demonstrated a linguistic proficiency level of at least Intermediate Mid in a world

language according to the American Council on the Teaching of Foreign Languages Proficiency Guidelines, or demonstrated a level deemed equivalent to Intermediate Mid for languages such as American Sign Language or Native American languages.

Italian & Spanish

Students enrolled in Italian or Spanish will participate in a language proficiency test called STAMP 4S to determine their linguistic proficiency. Because the minimum target language proficiency of Intermediate Mid is only likely to be achieved after completion of a level IV language class, only students currently enrolled in either an AP level language course or another advanced language course taken after the completion of level IV will be eligible to take the proficiency test. Students who take the AP exam during their junior year of high school may also use these scores to qualify.

Latin (2019 Pilot)

Students enrolled in Latin will participate in a language proficiency test called ALIRA to determine their linguistic proficiency. In this pilot year, all grade 11 and grade 12 students currently enrolled in level IV or in AP level language study will be eligible to take the proficiency test. Students who take the AP exam during their junior year of high school may also use these scores to qualify.

ESL (2019 Pilot)

English language learners who attain a score of 4 or better on Tier B or Tier C of the ACCESS for ELLs assessment in all four language domains in junior year of high school will be eligible to take a proficiency test in their native language to determine their linguistic proficiency.

Participation & Testing

Students will self-nominate, indicating their interest in sitting for the language proficiency test, and will assume responsibility for the cost of the test. Students will not be permitted to sit for the test unless the appropriate fee has been paid in advance. Grade 12 students test in January of their senior year, and grade 11 students test in May of their junior year. All testing will take place during the regular school day.

Score Reporting

Students and their parents/guardians will be notified of the results of the proficiency tests as soon as they become available. Once students have met all the criteria, the insignia of the State Seal of Biliteracy will be affixed to their official transcript from Nutley High School. These students will receive a certificate from the New Jersey State Department of Education in June of their senior year. Grade 11 students who do not meet the criteria will be highly encouraged to continue their language study and retest during their senior year.

Visit <http://www.nj.gov/education/aps/cccs/wl/biliteracy/> for more information about New Jersey's participation in the Seal of Biliteracy.

Course Descriptions

Course Title:	Italian I	Course Number:	7L1IT
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Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
<p>Italian I is designed to give students a working knowledge of the fundamentals of the target language. Emphasis will be placed on the sound/symbol relationship, pronunciation, identification and recognition of common objects and basic conversational phrases for everyday situations. At this level, specific activities are designed to lay the foundation for the development of good comprehension and communication skills (listening, speaking, reading and writing) through the modes of communication: Interpretive, Interpersonal and Presentational. Students at the beginner level will be given the opportunity to learn about the variety of cultures where the target languages are spoken.</p> <p>Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.</p> <p>This course requires students to use the target language and perform in the range of proficiency levels Novice Mid to Novice High as prescribed by the American Council on the Teaching of Foreign Languages (ACTFL) and the New Jersey Learning Standard for World Languages.</p> <p>This can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.</p>

Course Title:	Italian II	Course Number:	7L2IT
Grade(s):	9-12	Credits:	5
Prerequisites:	Italian I or Grade 8 Italian	Length:	Full Year

Course Description:
<p>Italian II is designed for students who wish to continue their study of the Italian language. As a gateway to the upper levels of study, this course prepares students with the necessary skills to enjoy learning experiences in the upper levels courses offered by the World Language department.</p> <p>This course requires students to place more emphasis on the development of strong comprehension and communication skills utilizing authentic materials and sources. Students will expand their vocabulary to include more detailed and complex themes. Grammatical structure will be mastered as needed to achieve more accurate communication. Students are encouraged to be creative in their responses and to take risks to extend beyond the framework of familiar vocabulary and structure.</p>

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

The students will perform in the range of proficiency levels Novice High to the Intermediate Low as prescribed by the New Jersey Learning Standard for World Languages and the American Council on the Teaching of Foreign Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Italian III	Course Number:	7L3IT
Grades:	9-12	Credits:	5
Prerequisites:	Italian II	Length:	Full Year

Course Description:

Italian III is designed for students to further develop material mastered in the Level II course. A widening variety of authentic materials and sources will be used to reinforce vocabulary and further develop language skills (listening, speaking, reading and writing) by using the three modes: Interpretive, Interpersonal and Presentational, acquired in the first two years of the language studied.

This course requires students to continue to place emphasis on developing accuracy in written and oral communication. At this level, the modes of communication are routinely used to express original thought as well as to narrate, summarize, explain, infer, synthesize, and/or predict information gathered from written as well as aural sources. Cultural themes will be further explored by studying selected works of literature, art, and music. This course will be conducted primarily in the target language with very little dependence on English.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

The students will perform in the range of Intermediate Low to Intermediate Mid as prescribed by the New Jersey Learning Standard for World Languages and American Council on the Teaching of Foreign Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Italian III Honors	Course Number:	7L3IT
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Grades:	9-12	Credits:	5
Prerequisites:	Successful completion (B+ or above) of Level II and teacher recommendation OR Successful completion (A or better) of Grade 8 Italian and teacher recommendation	Length:	Full Year

Course Description:
<p>Italian III Honors is designed for students to further develop material mastered in the Level II course. A widening variety of authentic materials and sources will be used to reinforce vocabulary and further develop language skills (listening, speaking, reading and writing) by using the three modes: Interpretive, Interpersonal and Presentational, acquired in the first two years of the language studied.</p> <p>This course requires students to continue to place emphasis on developing accuracy in written and oral communication. At this level, the modes of communication are routinely used to express original thought as well as to narrate, summarize, explain, infer, synthesize, and/or predict information gathered from written as well as aural sources. Cultural themes will be further explored by studying selected works of literature, art, and music. This course will be conducted primarily in the target language with very little dependence on English.</p> <p>Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.</p> <p>The students will perform in the range of Intermediate Low to Intermediate Mid level as prescribed by the New Jersey Learning Standard for World Languages and American Council on the Teaching of Foreign Languages.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.</p>

Course Title:	Italian IV Honors	Course Number:	7L4IT
Grade(s):	10-12	Credits:	5
Prerequisites:	Successful completion (B or above) of Italian III or III Honors and teacher recommendation	Length:	Full Year

Course Description:

Italian IV Honors is designed for students who want to expand the context for communicative skills from everyday situations to broader topics. At this level of study, students will demonstrate strong communicative ability coupled with accurate skills and good grammatical control. This course is conducted in the target language and students are expected to be able to participate fully in all activities using solely the target language.

It requires students to participate in more demanding speaking and writing activities using the modes of communication specifically designed to increase proficiency in Italian.

Students will read selected literature and other print materials, including electronically-produced text, as the basis for discussion and writing assignments. Films, music, and art are additional sources for examining Italian contributions to culture and civilization.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

Students will perform in the range of Intermediate Mid to Intermediate High as prescribed by the New Jersey Learning Standard for World Languages and American Council on the Teaching of Foreign Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Advanced Italian in Literature and Film Honors	Course Number:	7L5AI
Grade(s):	11-12	Credits:	5
Prerequisites:	Successful completion (B or above) of Italian IV Honors	Length:	Full Year

Course Description:

Advanced Italian in Literature and Film Honors is designed for students who want to explore the Italian language and culture through the spectrum of literature and film. This course is intended as an extension or alternative to AP Italian Language and Culture. Previously learned language features and cultural topics will be infused into daily lessons. However, this course is conducted in Italian and students are expected to comprehend and use the target language exclusively.

Each unit in the course will feature examples of films and literature that will be conducive for students to further develop their understanding of the Italian language and culture. Possible themes include family and community, immigration, environmental awareness, art, love, and linguistic and cultural change over time.

Students will improve their skills in listening and reading comprehension and in speaking and writing by reading and viewing authentic materials made by and for the target culture.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

Students will perform in the range of Intermediate High to Advanced Low as prescribed the New Jersey Student Learning Standard for World Languages and by the American Council on the Teaching of Foreign Languages (ACTFL).

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	AP Italian Language and Culture	Course Number:	7L5IT
Grade(s):	11-12	Credits:	5
Prerequisites:	Successful completion (B+ or above) of Italian IV Honors and teacher recommendation AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Italian is part of the core curriculum and tied to program models that incorporate effective strategies, assessment procedures and technologies, reflects evolving standards at the national, state and local levels, and develops and enhances basic communication skills and higher order thinking skills. The aim of the course is to further develop students' language skills within the three modes of communication: interpretive, interpersonal and presentational. Italian culture is interwoven throughout the course, including the study of geography, contemporary life, the arts and sciences, social customs and traditions, and the contributions of Italian and Italian-Americans to the world. This course is conducted in Italian and students are expected to use the target language exclusively.

AP Italian Language and Culture prepares students specifically for the AP exam, which will assess students equally in speaking, reading, writing, listening and culture. The study of grammar will be an important component of the course. Interpretive listening and reading tasks will be based on authentic texts, electronic transmitted materials, articles, films, newspapers, literature, television, and recordings.

Students will perform in the range of Intermediate High to Advanced Low as prescribed by the American Council on the Teaching of Foreign Languages the New Jersey Learning Standard for World Languages. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Latin I	Course Number:	7L1LA
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:

Latin I is designed for students who want to explore another culture and language, one that has had a profound influence on English. The readings of Latin I introduce the students to the fascinating forms and logic of the Latin language.

This course requires students to relate English and Latin vocabulary, to understand the rudiments of grammar, and utilize it to read passages of increasing length and complexity.

Students will develop skills through vocabulary acquisition and practice with grammatical forms and constructions to facilitate reading. They will discuss and study family relationships, Roman gods and mythology, and other cultural aspects of Roman life.

This course will meet five days a week and can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Latin II	Course Number:	7L2LA
Grade(s):	9-12	Credits:	5
Prerequisites:	Latin I or Grade 8 Latin	Length:	Full Year

Course Description:

Latin II is designed for students who want to continue their study of Latin and thereby improve English vocabulary and understanding of grammar. Students will be introduced to various aspects of Roman culture and civilization and see parallels with their own society and government.

This course requires students to apply what they have learned in Latin I to new grammatical structures and more sophisticated reading passages. The readings at level II of Latin study

take the students further in exploring the classical era of Greece and Rome and in meeting the heroes of history and fable.

Students will develop skills through vocabulary acquisition, discussion of cultural mores and achievements, and reading and analysis of grammatical forms. Comparisons and contrasts are made between the institutions and values of the classical world and our own.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Latin III Honors	Course Number:	7L3LA
Grade(s):	9-12	Credits:	5
Prerequisites:	Successful completion (B or above) of Latin II and Teacher Recommendation Prerequisites for incoming 9th grade students also include: A average on all common assessments/midterms and/or placement assessment as well as teacher recommendation.	Length:	Full Year

Course Description:
<p>Latin III Honors is designed for students who want to apply their knowledge of Latin grammar to reading authentic texts and to develop habits of reading that will afford them the opportunity to continue to the Latin IV Honors and Advanced Placement levels.</p> <p>This course requires students to utilize the previously learned elementary and intermediate grammar and vocabulary and to add to it the more sophisticated grammar to allow them to read original sources in context. Students are encouraged to make inferences as to the authors' motivations and to what a particular passage says about Roman society.</p> <p>Students will develop skills through reading and answering comprehension questions, class discussion, comparing and contrasting Roman and American governmental systems, and making epitaphs for Julius Caesar.</p> <p>Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.</p>

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Latin IV Honors	Course Number:	7L4LA
Grade(s):	10-12	Credits:	5
Prerequisites:	Successful completion (B or above) of Latin III Honors and Teacher Recommendation	Length:	Full Year

Course Description:
<p>Latin IV Honors is designed for students who want to read authentic Latin texts in prose and poetry.</p> <p>This course requires students to apply the grammar learned over the previous three years to reading passages and to understand the historical contexts in which the authors wrote. Students will create a speech in English that parallels in style the oratorical skill of Cicero. Students will learn the basics of Latin meter and be able to identify various figures of speech that accentuate the poet's general meaning.</p> <p>Students will develop skills through reading and answering contextual and grammatical guide questions. Students will link Latin vocabulary to English words, hone their grammar skills, compare English and Latin poetry, and follow a longer historical narrative through class discussion and translation.</p> <p>Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam. Students will deliver an English speech in the style of Cicero and will illustrate a scene from Vergil's Aeneid that they have translated.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.</p>

Course Title:	AP Latin	Course Number:	7L5LA
Grade(s):	11-12	Credits:	5
Prerequisites:	Successful completion (B+ or above) of Latin IV Honors, teacher recommendation AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Latin is designed for students who want to prepare for the AP Latin Exam. In doing so, they will gain an appreciation of Vergil's *Aeneid* as a great epic, and prose readings from Caesar's *Gallic War*. They will learn to translate literally and to analyze passages critically.

This course requires students to read in Latin the following:

Vergil, *Aeneid*

Book 1: Lines 1-209, 418-440, 494-578

Book 2: Lines 40-56, 201-249, 268-297, 559-620

Book 4: Lines 160-218, 259-361, 659-705

Book 6: Lines 295-332, 384-425, 450-476, 847-899

Caesar, *Gallic War*

Book 1: Chapters 1-7

Book 4: Chapters 24-35 and the first sentence of Chapter 36

(*Eodem die legati . . . venerunt.*)

Book 5: Chapters 24-48

Book 6: Chapters 13-20

The required syllabus includes not just readings in Latin, but also readings in English from Vergil's *Aeneid* and Caesar's *Gallic War*. Reading in English helps students put the Latin passages in context, with their significant themes, central characters, and key ideas. This course helps develop the students' ability to read Latin at sight, choose texts with relatively common vocabulary as well as straightforward grammar and syntax. Prose authors recommended for at-sight reading include Nepos, Cicero (but not Cicero's letters), Livy, Pliny the Younger, and Seneca the Younger. Recommended verse authors include Ovid, Martial, Tibullus, and Catullus.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements. Students are required to take the AP Exam as part of this course. In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Spanish I	Course Number:	7L1SP
Grade(s):	9-12	Credits:	5
Prerequisites:	None	Length:	Full Year

Course Description:
Spanish I is designed to give students a working knowledge of the fundamentals of the target language. Emphasis will be placed on the sound/symbol relationship, pronunciation, identification and recognition of common objects and basic conversational phrases for everyday situations. At this level, specific activities are designed to lay the foundation for the development of good comprehension and communication skills (listening, speaking, reading and writing) through the modes of communication: Interpretive, Interpersonal, Presentational.

Students at the beginner level will be given the opportunity to learn about the variety of cultures where the target languages are spoken.

This course requires students to use the target language and perform in the range of Novice Mid to Novice High as prescribed by the American Council on the Teaching of Foreign Languages (ACTFL) and the New Jersey Learning Standard for World Languages. The students are required to describe, identify, exchange, reflect upon, discuss, understand, and compare the various aspects of the target language and culture, using the three modes of communication.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Spanish II	Course Number:	7L2SP
Grade(s):	9-12	Credits:	5
Prerequisites:	Spanish I	Length:	Full Year

Course Description:

Spanish II is designed for students who wish to continue their study of the Spanish language. As a gateway to the upper levels of study, this course prepares students with the necessary skills to enjoy learning experiences in the upper levels courses offered by the World Language department.

This course requires students to place more emphasis on the development of strong comprehension and communication skills utilizing authentic materials and sources. Students will expand their vocabulary to include more detailed and complex themes. Grammatical structure will be mastered as needed to achieve more accurate communication. Students are encouraged to be creative in their responses and to take risks to extend beyond the framework of familiar vocabulary and structure.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

The students will perform in the range of proficiency levels Novice High to the Intermediate Low as prescribed by the New Jersey Learning Standard for World Languages and the American Council on the Teaching of Foreign Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.
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Course Title:	Spanish III	Course Number:	7L3SP
Grade(s):	9-12	Credits:	5
Prerequisites:	Spanish II	Length:	Full Year

Course Description:
<p>Spanish III is designed for students to further develop material mastered in Level II Honors courses. A widening variety of authentic materials and sources will be used to reinforce vocabulary and further develop language skills (listening, speaking, reading and writing) by using the three modes: Interpretive, Interpersonal and Presentational, acquired in the first two years of the language studied.</p> <p>This course requires students to continue to place emphasis on developing accuracy in written and oral communication. At this level, the modes of communication are routinely used to express original thought as well as to narrate, summarize, explain, infer, synthesize, and/or predict information gathered from written as well as aural sources. Cultural themes will be further explored by studying selected works of literature, art, and music. This course will be conducted primarily in the target language with very little dependence on English.</p> <p>Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.</p> <p>The students will perform in the range of Intermediate Low to Intermediate Mid as prescribed by the New Jersey Learning Standard for Foreign Languages and the American Council on the Teaching of Foreign Languages.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.</p>

Course Title:	Spanish III Honors	Course Number:	7L3SP
Grade(s):	9-12	Credits:	5
Prerequisites:	<p>Successful completion (B or above) of Spanish II and Teacher Recommendation</p> <p>OR</p>	Length:	Full Year

	Successful completion (A or above) of 8th Grade Spanish and Teacher recommendation		
--	--	--	--

Course Description:
<p>Spanish III Honors is designed for students to further develop material mastered in Level II Honors courses. A widening variety of authentic materials and sources will be used to reinforce vocabulary and further develop language skills (listening, speaking, reading and writing) by using the three modes: Interpretive, Interpersonal and Presentational, acquired in the first two years of the language studied.</p> <p>This course requires students to continue to place emphasis on developing accuracy in written and oral communication. At this level, the modes of communication are routinely used to express original thought as well as to narrate, summarize, explain, infer, synthesize, and/or predict information gathered from written as well as aural sources. Cultural themes will be further explored by studying selected works of literature, art, and music. This course will be conducted primarily in the target language with very little dependence on English.</p> <p>Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.</p> <p>The students will perform in the range of Intermediate Low to Intermediate Mid as prescribed by the New Jersey Learning Standard for Foreign Languages and the American Council on the Teaching of Foreign Languages.</p> <p>This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.</p>

Course Title:	Spanish IV Honors	Course Number:	7L4SP
Grade(s):	10-12	Credits:	5
Prerequisites:	Successful completion (B or above) of Spanish III or III Honors and teacher recommendation	Length:	Full Year

Course Description:
<p>Spanish IV Honors is a challenging course based upon integrated themes and a collaborative approach to language mastery. At this level of study, students will discuss historical and cultural information with special emphasis on selected literary works. Students will demonstrate strong communicative ability coupled with refined grammatical control.</p>

This course requires students to enhance their knowledge of history, art, music and culture of Spanish-speaking countries to gain a more in-depth understanding not only of the language, but of the people who speak Spanish. Students will refine their skills through the use of the interpretive, interpersonal and presentational modes of communication.

Students will develop skills utilizing authentic materials. Special emphasis is placed on integrating themes, vocabulary building, improving grammatical structures and refining writing and speaking skills. Interpretive listening and reading comprehension activities are taken from podcasts, news broadcasts, interviews, newspaper/magazine articles, and literary pieces such as short stories, plays, and poems.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

This course is conducted exclusively in the target language and students are expected to be able to participate fully in all activities using solely the target language. Students will perform in the range of Intermediate Mid to Intermediate High as prescribed by the New Jersey Learning Standard for World Languages and the American Council on the Teaching of Foreign Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements. Project Acceleration credits are available in conjunction with Seton Hall University.

Course Title:	Advanced Spanish in Literature and Film Honors	Course Number:	7L5AS
Grade(s):	11-12	Credits:	5
Prerequisites:	Successful completion (B or above) of Spanish IV Honors	Length:	Full Year

Course Description:

Advanced Spanish in Literature and Film Honors is designed for students who want to explore the Spanish language and culture through the spectrum of literature and film. This course is intended as an extension or alternative to AP Spanish Language. Previously learned language features and cultural topics will be infused into daily lessons. However, this course is conducted in Spanish and students are expected to comprehend and use the target language exclusively.

Each unit in the course will feature examples of films and literature that will be conducive for students to further develop their understanding of the Spanish language and culture. Possible themes include family and community, immigration, environmental awareness, art, love, and linguistic and cultural change over time.

Students will improve their skills in listening and reading comprehension and in speaking and writing by reading and viewing authentic materials made by and for the target culture.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

Students will perform in the range of Intermediate High to Advanced Low as prescribed the New Jersey Student Learning Standard for World Languages and by the American Council on the Teaching of Foreign Languages (ACTFL).

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	AP Spanish Language	Course Number:	7L5SP
Grade(s):	11-12	Credits:	5
Prerequisites:	Successful completion (B+ or above) of Spanish IV Honors and teacher recommendation AP Recommendation Form and an Interview	Length:	Full Year

Course Description:

AP Spanish V is a demanding program that is comparable in both language and literature to a third year college level language course. The course is performance-based and students must demonstrate advanced communication skills. Continued emphasis is placed on reading and listening comprehension. However, particular emphasis is placed on language control and fine tuning the student's ability to integrate language skills by synthesizing written and aural material gathered from authentic sources.

Students must be able to cite sources to support cohesive, coherent, analytical or persuasive arguments in both written and oral formats. In addition, AP students are able to comprehend Spanish intended for native speakers and to produce Spanish comprehensible to native speakers in a variety of settings, types of discourse, topics, and registers. Extensive practice in the AP format is designed to prepare students for the AP examination.

Students will develop skills utilizing authentic materials. Special emphasis is placed on vocabulary building, as well as improving grammatical structures and writing process. Interpretive listening and reading comprehension activities are taken from podcasts, news broadcasts, interviews, newspaper and magazine articles, and literary pieces such as short stories, plays, and poems.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

In order to be admitted to this class, students must obtain a recommendation form and schedule an interview with the instructor.

This course is conducted exclusively in Spanish and students are expected to use the target language at all times. Students will perform in the range of Intermediate High to Advanced Low as prescribed by ACTFL and the New Jersey Learning Standard for World Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements. Students are required to take the AP Exam as part of this course. Failure to complete the AP exam in May will result in loss of weighted credit which will be reflected in the student's transcript.

Course Title:	Spanish for Heritage Speakers I	Course Number:	7L1SH
Grade(s):	9-12	Credits:	5
Prerequisites:	Spanish spoken at home Interview and Recommendation	Length:	Full Year

Course Description:

Spanish for Heritage Speakers I is designed to improve the reading, writing, listening, and speaking skills of students for whom Spanish is the dominant language spoken at home. The ultimate goal of the course is to engage students in using the language as educated native speakers would use it, and to gain an appreciation of the depth and diversity of the various cultures that comprise the Spanish-speaking world using the three modes of communication: Interpretive, Interpersonal, Presentational.

This course requires students to read and listen to material designed for native speakers of Spanish. Materials and activities will focus primarily on exposition, though students will also have opportunities to use and respond to non-expository text. This course is conducted entirely in Spanish. English is only used to clarify the Anglicism used by some students.

Students will develop skills through daily interaction and conversation. Vocabulary and grammar are introduced as they apply to the literature selections. When grammar is introduced or reviewed, emphasis is placed on the common mistakes often made by Spanish-speaking. Students will be strongly discouraged from speaking Spanish in its slang form.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

Students will perform in the range of Intermediate High to Advanced Low as prescribed by the New Jersey Learning Standard for World Languages and the American Council on the Teaching of Foreign Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements.

Course Title:	Spanish for Heritage Speakers II-Honors	Course Number:	7L2SH
Grade(s):	9-12	Credits:	5
Prerequisites:	Spanish for Heritage Speakers I, Spanish spoken at home as the primary language, Interview and Recommendation	Length:	Full Year

Course Description:

Spanish for Heritage Speakers II Honors aims to continue to improve the reading, writing, speaking, and comprehension skills for native language Spanish speakers.

This course requires students to build on the writing and general literacy skills developed in Level one. Students will develop skills through daily interaction and conversation as well as teacher-led instruction. Emphasis is put on distinguishing the different accents and vocabulary in the Spanish-speaking world. Vocabulary and grammar are introduced as they apply to the literature that they read. When grammar is introduced, emphasis is placed on the common mistakes often made by Spanish-speaking students. Students will be strongly discouraged from speaking Spanish in its slang form. In addition, there is a greater emphasis on discussing the diversity of the Spanish-speaking world through its culture, history, traditions and current events. The course is conducted entirely in Spanish. English is only used to clarify the Anglicism used by some students.

Successful completion of this course will be measured through the use of integrated performance assessments in the three modes of communication (interpretive, interpersonal, and presentational), other quizzes, class participation, homework and a final exam.

Students will perform in the range of Advanced Low to Advanced High of proficiency in the target language as per the New Jersey Learning Standard and the American Council on the Teaching of Foreign Languages.

This course can be counted in fulfillment of the state mandated five (5) credits of world languages graduation requirements. Project Acceleration credits are available in conjunction with Seton Hall University.

Course Title:	Spanish Communication and Culture	Course Number:	7L1BS
Grade(s):	9-12	Credits:	5
Prerequisites:	WL Coordinator Recommendation	Length:	Full year

Course Description:			
<p>This is an introductory course with a focus on verbal/non-verbal communication and cultural study. The skills of reading, writing, speaking and listening are incorporated into the course, yet the emphasis is on the skills necessary for communication.</p> <p>Each unit in this course will provide the student the opportunity to work with the instructor(s) to work toward the completion of a culminating project.</p> <p>This entry level Spanish course fulfills the graduation language requirement.</p>			

Course Title:	Spanish Language and Culture	Course Number:	7L1LC
Grade(s):	9-12	Credits:	5
Prerequisites:	WL Coordinator Recommendation	Length:	Full year

Course Description:			
<p>The focus of this Spanish course is on communication and cultural study. The skills of reading, writing, speaking and listening are incorporated into the course.</p> <p>Each unit in this course will provide the student the opportunity to work with the instructor(s) to work toward the completion of a culminating project.</p> <p>This entry level Spanish course fulfills the graduation language requirement.</p>			

Appendix A

Forms



Nutley Public Schools

Recommendation/Authorization Form for AP and Advanced Classes 2019-2020

Student Name: _____ School Counselor Name: _____

Directions for Students – Select the AP/Advanced class of your choice and complete the Related Information section below. Have your parent/guardian sign this form then bring it to your current subject area teacher. After you obtain his or her signature, set up a meeting with the recommending teacher listed below. The recommending teacher has experience in the particular area and will be the best one to describe the class and make recommendations based on your interests, background, and plans. If you are selecting multiple AP/Advanced courses, please use a copy of this form for each class. If you would like to submit a back-up form for an alternate AP course in the event that scheduling prohibits enrollment in your first choice course, these forms are also due by the deadline below. Students will not be permitted to add an AP course to their 2019-2020 schedule past September 13, 2019.

This completed form must be submitted to your school counselor on or before the second Friday in March.

Circle the class for which you are completing this form and see the corresponding teacher for an interview. Complete the section below titled Related Information before meeting with the teacher.

AP English Language – Mrs. Rainone (Room 305)
AP English Literature – Mrs. Rossillo (Room A321)
AP Studio Art: Drawing 2D and 3D – Mrs. Lappostato (Room 201)
AP Art History – Mrs. Melchionne (Room A127)
AP Calculus AB – Mr. Picard (Room A117)
AP Calculus BC – Mr. Picard (Room A117)
AP Computer Science – Ms. Truty (Room 111)
AP Statistics – Mrs. Sanchez (Room 213)
AP Biology – Mr. Simko (Room 130)
AP Chemistry – Mr. Kasner (Room 124)
AP Physics 1: Algebra Based – Dr. Naumoff (Room 132)
AP Physics 2 – Dr. Naumoff (Room 132)
AP Environmental Science – Mr. Rizi (Room 134)
AP US History – Mr. Porrino or Mrs. Michalek (Room A233)
AP American Government and Politics – Mr. Abbio (Room 307)
AP Human Geography – Mrs. David (Room A235)
AP Macroeconomics – Mr. Linfante (Room A247)
AP Italian Language – Mr. Solazzo (Room 202)
AP Spanish Language – Ms. Garcia (Room 208)
AP Latin – Mrs. Lodato (Room 210)
Human Physiology Honors – Dr. Smith (Room 130) *NO AP EXAM
Forensic Science Honors – Mr. Tempsick (Room 124) *NO AP EXAM
Humanities I Hon: Found. of the Western World – Ms. Melchionne (Room A127) *NO AP EXAM
Humanities II Hon: The American Experience – Mr. DeGregorio (Room A237) *NO AP EXAM

Related Information

What are your expectations for this course?

How will this course benefit your academic journey?

Student Signature: _____ Date: _____

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**Parents/Guardians** – The AP exams are given in May. There is an approximate fee of \$98 required by the College Board for students who sit for the AP exam. Students scheduled for AP courses are required to take the AP examinations in May. After completing the AP exam, students will be required to remain academically engaged for the balance of the school year. During the final exam period in June, AP students will be required to complete a culminating task for each AP course, which may include a capstone project/presentation, traditional final exam and/or service learning project/presentation. The grade on culminating task will count as 1/9 of the final grade for the course. Failure to complete the AP exam in May will result in loss of weighted credit, which will be reflected in the student's transcript. For extenuating circumstances, an appeal can be filed with the school administration.

I understand that this course will be challenging, and I fully support my child. I am also aware of the AP exam and of the requirement of my child to take the AP exam and that this payment is to be processed through Total Registration by September 20, 2019. Failure to do so will result in a student's removal from the AP course(s). In this case, a student will be placed into a course with an open seat in the same period and/or in a student hall if he/she does not have one.

I understand that there is no AP Exam for Forensic Science Honors, Human Physiology Honors, Humanities I & II. For these courses, my signature below represents my consent for my child to enroll in these courses.

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

~~~~~

Current Year Teacher – Please discuss the possibility of advanced studies with this student. If you approve this student for the class circled above, please sign.

Current Teacher Signature: _____ Current Course: _____

~~~~~

**Recommending Teacher** – Only accept interviews if the student and parent have signed this form. Please interview each student and discuss with him or her course expectations and goals. If recommended, sign and return this form to the School Counseling Department. Please keep a list of students that you have recommended.

Recommending Teacher Signature: \_\_\_\_\_  
Comments: \_\_\_\_\_



# Nutley Public Schools

## Schedule Change Form

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

School Counselor: \_\_\_\_\_ Grade: \_\_\_\_\_

Course to Be Changed: \_\_\_\_\_

*By submitting this form, the student understands that periods and/or teachers of current courses may change.*

check the appropriate box

|                          |                                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <b>Drop Above Course/Add AP Course (must have submitted AP Form)</b><br>Course Requested: _____<br>(by Sept 13 or 30 calendar days for transfers) |
| <input type="checkbox"/> | <b>Drop Above Course/Add New Course or Study Hall</b><br>Course Requested: _____<br>(by Sept 20 or 30 calendar days for transfers)                |
| <input type="checkbox"/> | <b>Level Change (to lower level)</b> New Level: _____<br>(within MP1 or 30 calendar days for transfers)                                           |
| <input type="checkbox"/> | <b>Course Withdrawal:</b><br><b>Grade at time of Withdrawal:</b> _____ WP or WF<br><b>Teacher Signature:</b> _____                                |
| <input type="checkbox"/> | <b>Request to Audit Course:</b> _____<br><b>Teacher Approval:</b> _____                                                                           |

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Parent Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Department Coordinator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Director of School Counseling Signature: \_\_\_\_\_ Date: \_\_\_\_\_

-----  
Administrator Comments:





# Nutley Public Schools

## Petition to Change Course Recommendation

|                      |  |       |  |
|----------------------|--|-------|--|
| Student's Name       |  | Grade |  |
| Parent's Name        |  | Date  |  |
| Counselor's Name     |  |       |  |
| Course To Be Changed |  |       |  |
| Requested Course     |  |       |  |

I am requesting the level change listed above for my child. After a careful review of my request, Nutley Public Schools staff does not endorse this level change. I am aware of the concern, however, I wish to make this level change. **Attached is the letter from my child** explaining his/her areas of weakness and our plan to address these in the higher level course.

I understand that by making this request I agree that:

- My child will meet with the coordinator of the content area.
- The **deadline** for submitting this form **to the Director of School Counseling with all required signatures** is **June 26, 2019**.
- There must be an open seat in the requested course as well as any other courses affected by the schedule change in order to process the request.
- If space is available, my child is expected to complete the same work and be evaluated against the same standard as all other students in the class and any grade received will be final.
- The deadline for level change in a full year course is the end of the first marking period or before 30 calendar days for transfer students.
- The grade earned at time of withdrawal, should I choose to change course levels for my child at the end of the first marking period, will count as a first quarter grade in the new course level.
- This course will be recorded on the transcript as a withdrawal, even if the course level changes.
- The periods and/or teachers of current courses may change.

Please note: Students must meet all prerequisites for course changes. Course changes will not occur past deadlines established in the Program of Studies. This procedure does not pertain to errors or omissions in scheduling.

|                                    |  |      |  |
|------------------------------------|--|------|--|
| Student's Signature                |  | Date |  |
| Parent's Signature                 |  | Date |  |
| Department Coordinator's Signature |  | Date |  |
| Principal/Vice Principal Signature |  | Date |  |



# Nutley Public Schools

## External Course Equivalency Application

|                         |  |                    |  |
|-------------------------|--|--------------------|--|
| Student's Name          |  | Grade in 2019-2020 |  |
| School Counselor's Name |  | Date               |  |

I am seeking original credit for a course I have not yet taken at Nutley High School:

Name of Course: \_\_\_\_\_

Please provide rationale:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Information on Proposed Equivalent External Course:

|                          |  |                     |  |
|--------------------------|--|---------------------|--|
| Name of Course           |  | Expected Start Date |  |
| Location of Course       |  | Expected End Date   |  |
| Provider/Instructor Name |  | Anticipated Cost    |  |

Please attach a complete course description from the external provider for the requested course, along with contact information for that institution. By signing this form, you are aware of the following:

- Any applications for external course equivalency must be submitted to the appropriate NHS school counselor 30 days prior to the course start date. Any requests past this time frame will be dependent on counselor/administrator availability.
- The student and/or parent/guardian(s) are responsible for the cost of tuition and/or any other related costs as related to external course.
- Any course taken by an NHS student without the prior approval of administration will NOT be granted NHS credit.
- All students who take an external course must pass the external course, as well as pass the NHS final exam for the equivalent course in order to obtain credit. It is the student's responsibility to schedule a time to sit for the NHS final exam by contacting the appropriate department coordinator.
- Grades received for external coursework will not be factored into the student's GPA.

|                        |  |                        |  |
|------------------------|--|------------------------|--|
| Student Signature:     |  | Date:                  |  |
| Parent Signature:      |  | Date:                  |  |
| Parent/Guardian Email: |  | Parent/Guardian Phone: |  |

\*\*\*\*\*

*Do not write below this line. For Nutley High School use only*

Coordinator Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Circle One: Approved or Denied \_\_\_\_\_ Number of Credits: \_\_\_\_\_

Director of School Counseling Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Principal Signature: \_\_\_\_\_ Date: \_\_\_\_\_



## NUTLEY PUBLIC SCHOOLS

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### Nutley High School Application for the Academy of Health Science Careers

|                  |  |       |  |
|------------------|--|-------|--|
| Student's Name   |  | Grade |  |
| Student ID       |  | Date  |  |
| Counselor's Name |  |       |  |

Students will be required to maintain good academic standing in this academy as outlined in the Program of Studies.

|                          |  |                 |  |
|--------------------------|--|-----------------|--|
| Biology Final Average:   |  | Grade Enrolled: |  |
| Chemistry Final Average: |  | Grade Enrolled: |  |
| Algebra 1 Final Average: |  | Grade Enrolled: |  |

Please attach a 1-2 (double spaced, 12 pt. font) essay to this application indicating your interest in this program. Guiding questions for the essay include:

- What makes you a good leader?
- Why are you interested in pursuing a career in a health-related field?
- Is there a particular career that you would like to pursue? Why?
- What would you like to learn throughout this experience?
- What skills would you bring to this program?

The deadline for returning the completed application with essay to Ms. Powell is February 1, Ms. Powell's mailbox is located next to the main office in the guidance suite.

Applicants will be contacted in early February for an interview with Academy Faculty members.

|                     |  |      |  |
|---------------------|--|------|--|
| Student's Signature |  | Date |  |
| Parent's Signature  |  | Date |  |