

South Hunterdon Regional School District



2018-2019 Program of Studies Grades 7-12

Board of Education Approval Date: June 18, 2018

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SHRSD Mission Statement Grades 7-12

The South Hunterdon Regional School District includes a close-knit 7th-12th grade school that works in partnership with a diverse, supportive community anchored in a strong sense of belonging dedicated to offering an integrated, balanced, and creative education in a challenging, encouraging environment. Our mission is to empower all students with the confidence, vision, opportunity, knowledge, and skills to reach their potential, to be lifelong learners, and to adapt to and to transform their diverse and dynamic world.

Belief Statements

At South Hunterdon Regional School District, we believe:

- A safe and secure learning environment is the right and responsibility of the entire South Hunterdon School Community.
- Each child is supported in his/her academic, emotional and social development.
- Our school is an essential/vital resource to/for our community.
- The manner in which something is learned is as valuable as what is learned.
- Children learn in different ways at different rates.
- The purpose of education is to connect students to ideas, people and the world.
- All children can learn.
- Education is a civic responsibility and a public good.
- Teachers, parents and community working together enable our students to succeed.
- Learning how to learn is a framework for lifelong success.
- Encouraging the development of self-discipline allows students to assume responsibility for and take an active role in their own learning.
- Each child is directed on a path of self-acceptance and tolerance of others.
- A nurturing environment is necessary for all students to reach their goals.
- Every student has inherent worth, unique talents, and deserves to be treated with respect and fairness.
- Community and family values based upon lasting traditions are valuable assets.
- Providing students with a variety of extra-curricular and service learning activities enables opportunities for personal growth and excellence.

Non-Discrimination Notice Section 504 and Title IX

The South Hunterdon Regional School District does not discriminate in admissions or access to, or treatment of or employment on the basis of race, color, national origin, sex, disability, or age in its programs and activities.

Guidance Department Message

What courses should you take for college? Are you ready to choose a career path, and what courses support that goal? Where can you obtain information about colleges or

other institutions of higher learning? To get the answers to these questions that drive the daily schedule of courses you will take during your 6 years at South Hunterdon Regional Middle/High School, you should speak to your guidance counselor. Developing a course of studies for your six years at South Hunterdon Regional Middle/High School is a primary job that you, your parents, and your counselor will work on together. Therefore, it is essential that from 7th through 12th grade, you and your parents carefully review the course listings in this program of studies each year.

In making selections, you need to select courses that will enhance your future career and/or college goals. Many colleges' and universities' admissions departments suggest high school course sequences that students must follow to gain acceptance in a particular discipline. The guidance office, media center, career center, and Chromebooks provide students with access to Naviance. Naviance is a robust program that assists students' research about colleges, scholarships, and career options. Moreover, Naviance stores students' information and assists students in submitting applications for post-secondary education and in developing strong resumes for post high school career readiness.

In addition to Naviance college and career information, the media center is a complete technology research facility offering internet access and databases giving access to 7,000 newspapers, magazines, career publications and scholarship information.

Scheduling Questions

An evening event to assist families in planning for students beyond high school (i.e. financial aid information, college fair(s), college planning, etc.) will be held for parents/guardians and students. All families are welcome to attend. Questions regarding scheduling should be directed to:

Grades 7-9:

Mrs. Joanne Fenimore
joanne.fenimore@shrsd.org
609-397-2060 x1244

Grades 10-12:

Ms. Susan Laird
susan.laird@shrsd.org
609-397-2060 x1272

Mrs. Fenimore and Ms. Laird will meet individually with students and/or parents/guardians to develop schedules for the following school year. If parents have any questions about their child's choices or have concerns about a class for which their son or daughter was recommended, please contact either Mrs. Fenimore (students in grades 7, 8 and 9) or Ms. Laird (students in grades 10, 11, and 12).

College Planning

Most colleges require the following:

English: 4 years

- Math:** 3 years (some colleges require or recommend 4 years)
- Laboratory Science:** 3 years (some colleges require or recommend 4 years)
- Social Studies/History:** 3 years (some colleges require or recommend 4 years)
- World Language:** 2 consecutive years of the same language at a minimum (some colleges require or recommend students have 3 or 4 years of a world language)

Colleges greatly differ in their requirements for admission, and their programs frequently change to reflect the shifts in ideas, data and information, social, political, and global contexts. Students should pattern their coursework selections with a college or university and/or career plan in mind at all times. When considering college, students should utilize Naviance and begin to consult college admissions websites early in their high school career to note what is required. Moreover, students should review the colleges’ or universities’ staff and courses to inform themselves about the people and the manner in which the schools teach.

Considerations for Selecting a College

- | | |
|---------------------------|-------------------------|
| Type of college | Majors offerings |
| Size of college | Co-curricular offerings |
| Geographic location | Education options |
| Size of community | Social life |
| Admissions requirements | Faculty |
| Degree of competitiveness | Religious affiliations |
| Financial considerations | Career-based program |

Requirements for Graduation

The New Jersey School Department of Education and the South Hunterdon Regional School District’s Board of Education policies require a minimum of **120 credits** be earned during a student’s **9th-12th grade years** (excludes 7th/8th grade courses) in order to receive a high school diploma. It is recommended that students take a full 40 credits of classes each year. Credits must be earned as follows:

Content Area	Minimum Credits	Additional Information
English (Language Arts Literacy)	20	Must be aligned with the most up to date NJ standards
Mathematics	15	Must include Algebra I and Geometry and a third year of math that builds upon these two courses
Science	15	Must include the following: 1) biology, 2) chemistry, physics, or environmental science, and 3) a third inquiry-based lab science
Social Studies	15	Must include World History, US

		History I, and US History II
Health, Safety, & Physical Education	20	Must be enrolled in a full year of Health, Safety, & Physical Education course each year in attendance at SHRSD
World Languages	5	Must complete 1 full year of Spanish OR French
Financial, Economic Business, and Entrepreneurial Literacy	2.5	Must complete a half-year course in Financial Literacy OR Economics
Visual and Performing Arts/Fine Arts	5	List of approved courses found in this Program of Studies
21 st Century Life and Careers or Career-Technical Education/Practical Arts	5	List of approved courses found in this Program of Studies
Electives	17.5	Identified in this Program of Studies
Community Service	80 hours	20 hours per school year (9 th -12 th)

Community Service Requirement

All students are required to complete community service hours.

- Middle school (7th & 8th) students must complete **10 hours per year of enrollment.**
- High school (9th-12th) students must complete **20 hours per year of enrollment.**

All placements not identified on the Community Service Log must be administratively approved prior to participation. In order to keep students on track for graduation, 7th-12th grade students are required to submit logs of hours earned three times a year (by December 1st, March 1st, and June 1st) to their School Counselor/Community Service Coordinator.

New Jersey State Assessments

All mandated assessments set forth by the State of New Jersey must be satisfied by students in grades 7th-12th. The following standardized assessments will be given during the school year:

- Partnership for Assessment of Readiness for College and Careers (PARCC) in both English Language Arts for grades 7 through 11 and Mathematic content areas at corresponding grade levels. More information may be found at: <https://parcc-assessment.org>
- New Jersey Student Learning Assessment – Science (NJSLA-S) will be

given to all 8th and 11th grade students

- WIDA’s ACCESS for ELLs 2.0 will be given to all students enrolled in an English as a Second Language (ESL) course
- Advanced Placement (AP), STAMP 4S, PSAT, SAT, ASVAB as well as a variety of other assessments may be administered each school year

Attendance

All students must meet the requirements outlined in the district Attendance Policy (Policy #5200). Prolonged or repeated absences, excused or unexcused, from school or a class may result in retention at that grade level or loss of credit for that course. Students who are absent nine (9) or more classes during a full year course may be removed from that course and be required to repeat the course. In addition, students who are absent five (5) or more classes during a half-year course may be removed from that course and required to repeat the course. Students late for two (2) classes will equate to an absence from that class. Any student removed from a course as a result of attendance will receive a “Loss of Credit” (LC) on their transcript.

Honor Roll

The Honor Roll is compiled at the end of each marking period. A student must take a minimum of **30 credits** to be eligible for the Honor Roll. The grades 7-12 Honor Roll requirements are as follows:

Distinguished – Grades of A- or above and/or Ps in all subjects

Meritorious – Grades of B- or above and/or Ps in all subjects

Add/Drop Course(s) Period

Should a student opt to add a course to or drop a course from their schedule, the request must be made within the first two weeks (10 school days) of any course (full or half-year). Permission of such a request must be agreed upon by the student, parent/guardian, teacher(s), and school counselor.

Course Withdraws

A course withdraw occurs when a student drops a course outside of the “Add/Drop” period. A student who elects to withdraw from a course after the course drop deadline will be removed from the class roster; however, a record of “Withdraw Passing” (WP) or “Withdraw Failing” (WF) will be recorded and maintained on the student’s permanent transcript.

A student may NOT withdraw from a course once half of the course sessions have occurred. Requests for an exception to this policy submitted to the student’s counselor will

be viewed and determined on an individual basis by the counselor and administration. Proof of extenuating circumstances must be provided for requests to be considered. Permission of such a request must be agreed upon by the student, parent/guardian, school counselor, and administration.

Course Level Waivers

South Hunterdon Regional School District staff members carefully and thoughtfully consider each child's ability and best interest when making recommendations for course placement. Understanding each student as well as the expectations in each course, recommendations are made to allow each student to find success while maintaining the rigor of each course. Should a student request to enroll in a course during the scheduling process that is not recommended, a waiver meeting is held with the student, parent/guardian, teacher(s), and counselor. If the request is approved, a Waiver Form will be required with student and parent/guardian signatures. Once a waiver request is approved and a student is enrolled in the requested course, the student cannot revert back to his/her prior schedule.

Study Blocks

The South Hunterdon Regional School District strives to provide a rigorous program for all students with high expectations utilizing all possible instructional time within the school day. However, understanding the demanding nature of Advanced Placement (AP) courses, it is permitted that students who choose to enroll in three (3) or more such courses in one school year may be scheduled for a Study Block during that same school year. This block of time is permitted for the sole purpose of completing the work associated with the AP courses in which the student is currently enrolled.

Advanced Placement (AP) Course Expectations/Requirements

Students who enroll in AP courses will be required to register and pay for each corresponding exam (administered in the spring of that school year). The cost of AP exam(s), determined by College Board, will be non-refundable.

Due to the rigor and demands of the AP curricula, some courses require additional instructional time. Specifically, Science, Language Arts, and History AP courses require students to attend a morning session (outside of the school day) on a weekly basis. In addition, students enrolled in other AP courses (World Language, Calculus, and Statistics) may be required to attend additional sessions within the school day.

Summer work may be required to be completed prior to the start of an AP course. This summer work will be provided to students at the end of the previous school year and be due as per course instructions.

Grading Scale

Letter	Percentage	Grade Point
A+	97 – 100	4.33
A	93 – 96	4.0
A-	90 – 92	3.67
B+	87 – 89	3.33
B	83 – 86	3.0
B-	80 – 82	2.67
C+	77 – 79	2.33
C	73 – 76	2.0
C-	70 – 72	1.67
D+	67 – 69	1.33
D	63 – 66	1.0
D-	60 – 62	0.67
F	59 & below	0.0

Marking Period Grade Percentages

Each marking period and the final exam grade will equate to a percentage of a student's overall grade as outlined below:

Example:	Full Year
1st marking period	23%
2nd marking period	23%
3rd marking period	23%
4th marking period	23%
Final Exam	8%

Example:	½ Year
1 st or 3 rd marking period	46%
2 nd or 4 th marking period	46%
Final Exam	8%

Weighted Grade Point Average (WGPA)

- The WGPA is determined by dividing the total number of quality points earned by the total number of credits for which the student has received final grades.
- All courses are placed in four possible ranking category designations

based on degree of difficulty. Bonus points are awarded according to the category in which the subject is placed.

- When a course is repeated due to failure, the student will receive the grades earned in both courses. The original failing grade will be maintained on the students' permanent records and will be calculated into the student's GPA.

Unweighted Category 1	Weight Category 2 0.5 added to GPA	Weight Category 3 1.0 added to GPA	Weight Category 4 2.0 added to GPA
	-English CP (9 th -12 th)	-English Honors (9 th -12 th)	-AP English Lit & Comp -AP English Lang & Comp
	- Algebra I CP - Algebra IA/IB CP (earns points after completion of 2 nd year) -Algebra II CP -Geometry CP -College Algebra CP	-Algebra II Honors -Geometry Honors -Pre-Calculus Honors -Calculus Honors	-AP Calculus -AP Statistics
	-Biology CP -Chemistry CP -Environmental Science CP (10 th -12 th)	-Biology Honors -Chemistry Honors -Physics Honors -Anatomy/Physiology Honors	-AP Biology -AP Chemistry
	-World History CP -US History I CP -US History II CP	-US History I Honors -World History Honors	-AP US History II
-Spanish I -French I	-Spanish II CP -French II CP -Spanish III CP (10 th -12 th) -French III CP (10 th -12 th)	-Spanish III – Honors (9 th) -French III – Honors (9 th) -Spanish IV – Honors -French IV – Honors	-AP Spanish V -AP French V
-Physical Education (9 th -12 th) -Health (9 th , 11 th , 12 th) -Driver's Education (10 th)			
-Financial, Economic Business, and Entrepreneurial Literacy			
-Visual and Performing Arts Classes/Fine Arts			
-21 st Century Life and Careers or Career-Technical Education/Practical Arts			
-All Electives			
-All Polytech Courses			

Grade Point Average (GPA) Calculation

The SHRHS grading scale is a modified ten-point scale that uses pluses and minuses and increases the grade point weight for College Prep courses, Honors courses, and Advanced Placement courses.

Grade Equivalent	Numeric	GPA	WGPA – CP	WGPA – Honors	WGPA – AP
A+	97-100	4.33	4.83	5.33	6.33
A	93-96	4.0	4.5	5.0	6.0
A-	90-92	3.67	4.17	4.67	5.67
B+	87-89	3.33	3.83	4.33	5.33
B	83-86	3.0	3.5	4.0	5.0
B-	80-82	2.67	3.17	3.67	4.67
C+	77-79	2.33	2.83	3.33	4.33
C	73-76	2.0	2.5	3.0	4.0
C-	70-72	1.67	2.17	2.67	3.67
D+	67-69	1.33	1.83	2.33	3.33
D	63-66	1.0	1.5	2.0	3.0
D-	60-62	0.67	1.17	1.67	2.67
F	Below 60	0.0	0.0	0.0	0.0
LC - Loss of Credit (Attendance)	N/A	N/A	N/A	N/A	N/A
I - Incomplete	N/A	N/A	N/A	N/A	N/A
WP – Withdraw Passing	N/A	N/A	N/A	N/A	N/A
WF – Withdraw Failing	N/A	N/A	N/A	N/A	N/A

When calculating GPA, first multiply the credit value of the course times the grade point value of the grade received in the course. For example:

Grade of A (4.0) x 5 credits for course 1 = 20 grade points

Grade of C+ (2.33) x 2.5 credits for course 2 = 5.83 grade points

The GPA is then calculated as follows: Sum of all (grade point values x credits) divided by the sum of credits for all courses graded = GPA

Example: you receive a B- in course 1 (5 credits), an A- in course 2 (2.5 credits) and a B+ in course 3 (1.25 credits): To derive the numerator, multiply the grade point value for each course by the credits for that course and add the results for all courses. To derive the denominator, sum the credits for all courses graded A+ through F.

$$\frac{(2.67 \times 5) + (3.67 \times 2.5) + (3.33 \times 1.25)}{5 + 2.5 + 1.25} = \frac{13.35 + 9.18 + 4.16}{8.75} = \frac{26.69}{8.75} = 3.05 \text{ GPA}$$

The same method is used for calculating WGPA and GPA. For CP courses, grade point equivalents increase 0.5. For Honors course, grade point equivalents increase 1.0. For AP courses, grade point equivalents increase 2.0.

It is important to note that a 'P' does not carry grade points, and it is not calculated in the student's GPA.

High School Promotion

The promotion policy (#5410) for students enrolled in South Hunterdon Regional High school is as follows:

- For promotion to grade nine, a student must successfully complete eighth grade.
- For promotion to grade ten, **a student must earn a total of 30 credits** before beginning tenth grade.
- For promotion to grade eleven, **a student must earn a total of 60 credits** before beginning eleventh grade.
- For promotion to grade twelve, **a student must earn a total of 90 credits** before beginning twelfth grade.
- **For graduation, a student must earn a minimum of 120 credits.**
- Students who attend an approved summer school for a failed subject may be promoted to the next grade level provided they begin the school year with the appropriate number of credits.

Students who need to attend summer school to make up failed/needed courses must do so at an approved summer school for a minimum of **30 hours for a half-year course and 60 hours for a full-year course**. A private tutor cannot be used to satisfy this requirement. If a student fails a course, it is highly recommended that the student attend an approved summer school, on a school campus (face-to-face instruction). Should an extenuating circumstance exist, students may request approval to attend an online course. These requests must be **in writing** to administration and clearly explain the extenuating circumstance(s). A meeting with the counselor, administration, and student as well as the parent/guardian will be held to determine approval.

****Please note:** Courses completed outside of the regular school year will not be calculated in a student's GPA and, therefore, will not impact eligibility for athletics or other extra-curricular activities (i.e. band, musical performances, clubs, Night at the Nest, Student Council, etc.).

Early Graduation

A student may be a candidate for early graduation if all of the following criteria are met according to Policy #5465:

1. Has demonstrated proficiencies in the Statewide assessments as required by the New Jersey Department of Education for high school graduation; and
2. Has presented official transcripts showing at least thirty general education credits leading to a degree at an accredited institution of higher education (this applies to unenrolled students who are at least sixteen year of age) ; and
3. Has formally requested an early award of a State-endorsed high school diploma.

In addition, the student must:

- Complete and pass all the requirements as set forth for graduation in less than four years,
- Receive parental approval in writing,
- Submit a narrative explaining reason(s) for the request by the closure of the first marking period of his/her sophomore year to the Superintendent,
- Obtain a letter of approval from the high school principal and the Director of Curriculum to graduate early.

*ALL Diplomas are issued at the end of each school year.

Grade Entry/Parent Portal

Barring any extenuating circumstance, teachers responsible for grading assignments for any given course will enter grades in the electronic gradebook (to be accessible through the Parent Portal) within four (4) classes after the assignment was due.

Hunterdon County Polytech Program

The Hunterdon County Polytech program is open to all students in 11th and 12th grades. Students must complete an application prior to being considered for the Polytech programs offered outside of South Hunterdon. A student is selected by a committee that considers students' attendance, grades, and level of engagement and seriousness about the subject matter. More information can be found at: <http://www.hcpolytech.org> Students considering this path MUST recognize enrollment in the Hunterdon Polytech program may not be an option due to other needed courses for graduation at SHRSD. Please note: The Hunterdon Polytech program is not a recommended path for students who plan to pursue enrollment in college after graduating from the South Hunterdon Regional School District.

Special Education Program

The district provides a full range of programs and services to all students' specific and personalized educational needs. The district provides support as outlined in each qualifying student's Individualized Education Program (IEP).

Eligibility for Athletics & Extracurricular Activities Grades 7-12

- Students will be ineligible to join any athletic or extracurricular activity if they receive 2 Fs in a marking period or earn a GPA that is equal to or below a 1.99 at the end of any marking period prior to the start of the athletic or extracurricular activity.
- Students who fall below standards (outlined above) mid-season/activity may have negative consequences. Coaches/Advisors reserve the right to limit participation based on program-specific standards.
- A Withdraw Fail (WF) will be considered a failure for the marking period.
- To participate in interscholastic athletics, a pupil must have written permission from a parent or guardian and be examined by a physician and found to be physically fit.
- On a day school is in session, participation in any extracurricular activity requires that the student be in attendance a minimum of a half day of school (at least 3 hours and 30 minutes) unless excused by the principal.
- In addition to the Board of Education eligibility standards, participants in interscholastic athletics must adhere to all rules and regulations of the New Jersey State Interscholastic Athletic Association (NJSIAA).

National Collegiate Athletic Association's (NCAA) Regulations

If a student believes he/she is eligible for an athletic scholarship or to participate in athletics beyond graduation, he/she should carefully review the National Collegiate Athletic Association's (NCAA) rules and regulations for receiving a financial award. These rules and regulations include a minimum of 14 core (academic) courses and a minimum SAT or ACT score that coincides with a core course grade point average.

The guidance department strongly recommends a student enroll in a mixture of college prep and honors courses for his or her academic program as a person aspiring for NCAA financial awards. Moreover, students should strive to receive grades of C or better and take the SAT/ACT and receive the necessary score that correlates with or is higher than his/her GPA. If a student-athlete has any concerns regarding this topic, the student should talk with his/her guidance counselor. For further information please see: www.ncaaclearinghouse.net

Extracurricular Activity Offerings

Activities and clubs support students' cognitive and emotional development. On the following page is a list of extracurricular activities that may be offered.

<ul style="list-style-type: none"> - All School Play - Art Club - Band (Concert, Jazz, Marching) - Band Front - Baseball - Basketball (Boys/Girls) - Bowling (Boys/Girls) - Cheerleading - Chorus (High School & Middle School) - Cross Country (Boys/Girls) - Dance Club - Drama - Field Hockey - Football (High School) - French Honor Society - Future Farmers of America - Gaming Club - Golf (Boys/Girls) - Gourmet Crafters Club - Gay-Straight Alliance (GSA) - Intramurals 	<ul style="list-style-type: none"> - Key Club - Literary Magazine - Middle School Soccer - Middle School Singers - National Honor Society (Requires 3.5 GPA) - Peer Leadership - REBEL/SADD - Recycling Club - Robotics (High School & Middle School) - School Newspaper (<i>The Southern Eagle</i>) - Ski Club - Soccer (Boys/Girls) - Softball - Spanish Honor Society - Student Council - Track and Field (Boys/Girls) - Vocal Ensemble - Weight Training - Yearbook
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Middle School (7th/8th) Related Arts/ "Specials"

7 th Grade (7 weeks each)	8 th Grade (7 weeks each)
Art	Art
Intro. Agriculture	STEM Agriculture
French	French
Spanish	Spanish
STEM	STEM
General Music	Computers
Band/Chorus (optional)	Band/Chorus (optional)

Language Arts Literacy/English

English Language Arts (ELA) is a requirement for every middle and high school student in the State of New Jersey. The English courses at South Hunterdon Regional High School are designed and aligned with the New Jersey Student Learning Standards (NJSLS) for English Language Arts. They are intended to capture language experiences all students need in order to grow intellectually, socially, and emotionally and to promote students' capacities to construct meaning with other people and on one's own in the college or career of his or her choice. The standards also advocate students to learn to read, write, speak, listen and view language critically, strategically, and creatively. By the end of their 7th through 12th grade journey, students will be able to use language to discover and to create a rich and dynamic life in our now global society.

Course Name: Language Arts 7

Course #: 10107

Length of Course: Full Year

Grade Level(s): 7

Number of Credits: N/A

Description of Course: Language Arts 7 affords students opportunities to interpret literature and express themselves in writing. Students will focus on forming opinions, and make meaningful applications of their studies. Writing Workshops, completion of a research assignment, and practicing of skills for participation in standardized assessments are examples of daily activities.

Prerequisite(s): Passing grade in 6th grade Language Arts

Course Name: Reading 7

Course #: 10117

Length of Course: Full Year

Grade Level(s): 7

Number of Credits: N/A

Description of Course: Reading 7 focuses on enhancing students' ability to interpret literature and lay the foundations for analysis skills. Students will rotate through activities in novels and anthology selections in order to make meaningful applications of their studies. Guided Reading, Literature Circles, and practicing of skills for participation in standardized assessments are additional course goals.

Prerequisite(s): Passing grade in 6th grade Language Arts

Course Names: Reading 7 and Reading 8 – OCR Courses

Course #: 10137 (Reading 7 – OCR) & 10138 (Reading 8 – OCR)

Length of Course: Full Year (each)

Grade Level(s): 7- 8

Number of Credits: 5 (each)

Description of Course: These courses present ways of understanding and appreciating literature and informational texts from various content areas and career based genres. Students will, through independent and assigned reading activities, make

connections with prior knowledge and previously read texts. Students will apply and expand their skills in reading, viewing, speaking, and critical thinking. Students will comprehend texts on literal figurative levels. Strategies will be presented to assist students read and respond to narrative, informational, persuasive, and everyday text. Special emphasis will be given to elements of reading fiction, nonfiction, study skills, library skills as well as multimedia literacy. A minimum of two novels will be studied in depth as a whole class.

Prerequisite(s): Passing grade in preceding year's Reading class

Course Name: Language Arts 8

Course #: 10108

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: Language Arts 8 affords students opportunities to interpret literature and express themselves in writing. Students will focus on forming opinions, and make meaningful applications of their studies. Explanatory essays, analytic essays, a personal narrative, a persuasive essay, vocabulary quizzes, and practicing of skills for participation in standardized assessments are examples of assessments.

Prerequisite(s): Passing grade in 7th grade Language Arts

Course Name: Reading 8

Course #: 10118

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: Reading 8 focuses on enhancing students' ability to interpret literature and lay the foundations for analysis skills. Students will rotate through activities in novels, plays, and short stories in order to make meaningful applications of their studies. Guided Reading, Literature Circles, Close Reading Signposts, and practicing of skills for participation in standardized assessments are additional course goals.

Prerequisite(s): Passing grade in 7th grade Language Arts

Course Name: English I – ESL

Course #: 10010

Length of Course: Full Year

Grade Level(s): 7-12

Number of Credits: 5

Description of Course: ESL I is designed as a course to increase students' ability to master English language skills. Students will be introduced to skills that will increase vocabulary skills as well as improve reading comprehension and basic writing skills. The curriculum is designed to provide differentiated instruction in listening, speaking, reading and writing American English to support students with the acquisition of academic language necessary

for success in school. Throughout the units students will understand, synthesize, analyze and evaluate the following concepts:

- Unit 1 - All About Me
- Unit 2 - Wisdom of the Ages
- Unit 3 - Global Village
- Unit 4 - Survival
- Unit 5 - Fitting In
- Unit 6 - What Matters Most

Through a series of scaffolded learning activities, students will strengthen their linguistic complexity, vocabulary usage and language control to demonstrate mastery of the unit concepts as presented in multiple texts and learning activities.

Prerequisite(s): Must be an ELL

Course Name: English II – ESL

Course #: 10012

Length of Course: Full Year

Grade Level(s): 7-12

Number of Credits: 5

Description of Course: ESL II is designed as a transitional course to increase students' ability to master English language skills. Students will continue working on increasing vocabulary skills as well as improving reading comprehension and basic writing skills. The curriculum is designed to provide differentiated instruction in listening, speaking, reading and writing American English to support students with the acquisition of academic language necessary for success in school. Throughout the units students will understand, synthesize, analyze and evaluate the following concepts:

- Unit 1 - Influences in Life
- Unit 2 - Family Matters
- Unit 3 - True Self
- Unit 4 - Give and Take
- Unit 5 - Fair Play
- Unit 6 - Coming of Age
- Unit 7 - Making Impressions

Through a series of scaffolded learning activities, students will strengthen their linguistic complexity, vocabulary usage and language control to demonstrate mastery of the unit concepts as presented in multiple texts and learning activities.

Prerequisite(s): ESL English I, must be an ELL

Course Name: English 9 – CP

Course #: 10902

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5

Description of Course: English 9CP provides students an introduction to the skills required to properly analyze all genres of literature, including poetry, drama, fiction and nonfiction.

Students will develop critical thinking skills and a college and career rich vocabulary in creating original arguments about literature and informational texts. Students will read and discuss works by Shakespeare, Steinbeck, Sophocles, among other important writers.
Prerequisite(s): Passing grade in English 8

Course Name: English 10 – CP

Course #: 10102

Length of Course: Full Year

Grade Level(s): 10

Number of Credits: 5

Description of Course: English 10 (American Literature) is an engaging, challenging, hands-on class exploring American literature, the rules of verbal and visual rhetoric, verbal communication/speaking, active reading and various forms of writing. Members of the class engage in discussions, writing tasks, public speaking, and more, and learning by doing and by practicing various strategies for the development of critical thinking. The class is a graduation requirement.

Prerequisite(s): Passing grade in English 9

Course Name: English 11 – CP

Course #: 10111

Length of Course: Full Year

Grade Level(s): 11

Number of Credits: 5 credits

Description of Course: With a focus on college and career readiness, as well as 21st-century literacy skills, students in this course will strive to fine-tune a variety of communication skills in the following areas: critical thinking, reading, and writing, with a specific focus on analysis. Fiction and nonfiction texts encountered through this course will sample the rich and colorful writing tradition of British authors spanning nearly two thousand years.

Prerequisite(s): Passing grade in English 10

Course Name: English 12 – CP

Course #: 10122

Length of Course: Full Year

Grade Level(s): 12

Number of Credits: 5

Description of Course: English 12CP provides for the college-bound senior a literature-based approach to analytical writing and critical thinking. Students will study a wide variety of literary works and genres from around the world, all focusing on issues of identity, self, and individual responsibility. Writing assignments are specifically designed to prepare students for college and future careers. Throughout the year, students are asked to consider the connections that exist between themselves, art, and the world around them.

Prerequisite(s): Passing grade in English 11th

Honors/Advanced Placement English

In an effort to create a program that is diverse and differentiated, the English department has adopted a set of criteria that will serve as placement in Honors and Advanced Placement (AP) classes. Students are selected for Honors and AP English based on their standardized assessment(s), writing abilities, an 85% average in English CP, and a teacher recommendation.

All South Hunterdon Regional High School courses are college prep and adhere to the NJSLS. All students will explore the same content matter. Students at a higher level are expected to be more independent, more self-disciplined, and more self-motivated. All English curricula will foster the development of positive attitudes towards English, communication, critical thinking skills and career awareness. Honors students welcome the challenges of reading difficult works, offering insight in class discussions, and writing analytically as well as creatively. Work at this level requires a high degree of motivation and an appetite for reading, writing, and discussion.

Course Name: English 9 Honors

Course #: 10903

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5

Description of Course: Students will be introduced to the analysis of literature and literary theory through thematic pairings of poetry, drama, fiction, and nonfiction. Students will strengthen their reading and writing skills through the discipline of critical analysis.

Vocabulary and grammar skills will be developed through academic and creative writings.

In-depth study of literature and thematically linked informational texts will broaden students' educational experiences. The students will read and discuss works by Shakespeare, Steinbeck, Sophocles, Vonnegut, and a host of other important writers. The students will show a mastery of level-appropriate conventions through the writing of extended, analytical and research-based essays.

Prerequisite(s): Standardized assessment review, an 85% average in Language Arts 8, and teacher recommendation

Course Name: English 10 – Honors

Course #: 10103

Length of Course: Full Year

Grade Level(s): 10

Number of Credits: 5

Description of Course : English 10 Honors (American Literature) is an engaging, challenging, hands-on class exploring American literature, the rules of verbal and visual rhetoric, verbal communication/speaking, active reading and various forms of writing. Members of the class engage in discussions, writing tasks, public speaking, and more, and learning by doing and by practicing various strategies for the development of critical thinking. The class is a graduation requirement.

Prerequisite(s): Standardized assessment review, an 90% (A-) average in English 9 CP or a 85% (B) average in English 9 Honors, and teacher recommendation

Course Name: English 11 – Honors

Course #: 10112

Length of Course: Full Year

Grade Level(s): 11

Number of Credits: 5

Description of Course: Students in this honors course are expected to be self-directed, independent thinkers, willing to explore advanced literary constructs inherent in British literature from the Anglo-Saxon period to the present. Students will be expected to expand their knowledge of literary criticism through the analysis and comparison of major works. Specific focus will be placed on critical thinking skills. Analytical, literature-based writing will be required for successful completion of the course.

Prerequisite(s): Standardized assessment review, an 90% (A-) average in English 10 CP or a 85% (B) average in English 10 Honors, and teacher recommendation

Course Name: English 12 - Honors

Course #: 10224

Length of Course: Full Year

Grade Level(s): 12th Grade

Number of Credits: 5

Description of Course: English 12 Honors provides for the highly motivated, college-career bound senior a literature-based approach to analytical writing and critical thinking useful for academics and skilled writing for career readiness. With a focus on the study of style, this course explores the complexities of spoken and written language in all of its forms. Students will study a wide variety of literary works and genres from around the world, and will continue to focus on writing assignments specifically designed to prepare them for college and career readiness.

Prerequisite(s): Standardized assessment review, an 90% (A-) average in English 11 CP or a 85% (B) average in English 11 Honors, and teacher recommendation

Course Name: Language and Composition – AP

Course #: (pending)

Length of Course: Full Year

Grade Level(s): 11

Number of Credits: 5

Description of Course: Advanced Placement Language and Composition a junior-level course that introduces students to college-level rhetorical analysis. In addition to covering the British literature taught in English 11 Honors, the course teaches students how to examine the relationships that exist between form and function. Students will immerse themselves in a wide variety of fiction, nonfiction, and poetry through annotations, explications, and essays. Students will also expand their research skills by reading literary criticism and incorporating their findings into their own work. A major emphasis is also

placed on reviewing for the Advanced Placement Language and Composition Exam, which students are encouraged to take in May.

Prerequisite(s): Standardized assessment review, 85% (B) average in English 10 Honors, and teacher recommendation

Course Name: Literature and Composition – AP

Course #: 10123

Length of Course: Full Year

Grade Level(s): 12

Number of Credits: 5

Description of Course: Advanced Placement English is a senior level course with a major emphasis on world literature and philosophy. Students will study some of the major works of Shakespeare, Conrad, Hesse, Camus, Bronte, among other authors. The course will include an in depth thematic and analytical exploration of a variety of literary genres, including the novel, the short story, poetry, Greek and Elizabethan drama, and essays. While a thematic approach is taken in the presentation of literature, there is a major focus on analytical literature based writing. A major emphasis is also placed on reviewing for the Advanced Placement Literature and Composition Exam, which all qualified students enrolled in the class, are required to take in May.

Prerequisite(s): Standardized assessment review, 85% (B) average in English 11 Honors or Language and Composition - AP, and teacher recommendation

Mathematics

South Hunterdon Regional School District requires students take **3 years of Mathematics**, grades 9 through 12. The Mathematics Department provides all students with courses 7th grade through all high school grades. The classes are designed to reinforce basic computational operations, introduce central mathematical concepts, and refine mathematical reasoning and problem solving skills. The following proficiencies developed by the department reflect these three focuses:

- To demonstrate accuracy and facility in performing fundamental mathematical operations.
- To analyze and solve problems of varying types and degrees of difficulty.
- To develop an understanding of the nature and structure of mathematics that enables the student to apply principles and concepts in new contexts.

The department, therefore, offers multiple levels of study in the discipline and encourages students to select an appropriate, yet challenging, level for their learning each year. The department recommends that students planning to major in mathematics, the sciences or engineering in college or enter a career directly connected to numerical literacy, **complete a rigorous four year sequence.**

For students who aspire to take Calculus their senior year but are in Algebra I in the 9th grade, may take Geometry and Algebra II concurrently if the student receives teacher and administrative approval.

Suggested mathematics sequences:

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Algebra I	Algebra II or Algebra II Honors	Geometry or Geometry Honors	College Algebra, Pre-Calculus, or Pre-Calculus Honors

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Algebra II or Algebra II Honors	Geometry Honors	Pre-Calculus or Pre-Calculus Honors	College Algebra, Calculus Honors or AP Calculus or AP Statistics

AP Statistics may be taken as an elective math course in 11th or 12th grade. Note that Algebra I in 8th grade does not count toward high school graduation credit, but may be used as un-weighted credit toward the students' high school elective requirements. Therefore, those 5 credits of elective "free up" a course block for students to take an extra elective during the 9th through 12th grade.

Course Name: Math 7

Course #: 21007

Length of Course: Full Year

Grade Level: 7

Number of Credits: N/A

Course Description: This course will examine new concepts by extending previous knowledge. Topics include ratios and proportional reasoning, integers, positive and negative fractions and decimals, expressions, equations, geometry, data analysis, and probability. These topics are developed conceptually and are supplemented with enrichment activities to further challenge students and to evoke abstract thinking and problem-solving skills.

Prerequisite: Passing grade in 6th grade Math

Course Name: Math 7 Advanced

Course #: 21117

Length of Course: Full Year

Grade Level: 7

Number of Credits: N/A

Course Description: This course includes operations with positive and negative: whole numbers, fractions and decimals. Additional topics are: percentages, geometry, probability and data analysis. Algebra related topics will be studied in preparation for the

formal study of Algebra 1. There will be a focus on building conceptual understanding and problem solving skills. Challenging problems are assigned and independent work is required.

Prerequisite: Passing grade in 6th grade Math, placement test score of 85% or higher, and 6th grade teacher recommendation

Course Name: Math 7 – OCR

Course #: 21017

Length of Course: Full Year

Grade Level(s): 7

Number of Credits: N/A

Description of Course: The objectives in this course are to help students learn to recognize and appreciate the involvement of mathematics in the real world. In addition to demonstrating the connections between mathematics and students' own world, students will also make connections between different areas of mathematics and learn to apply these concepts to real-life situations. In a modified-classroom setting, this course will help students move from pre-middle school to high school mathematics by providing a broad yet solid foundation for both algebra and geometry. This course will act as a prerequisite and familiarize students for higher levels of mathematics, standardized testing, and real life situations.

Prerequisite(s): Math 6

Course Name: Math 8

Course #: 20118

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: This course includes operations, properties and problem solving, data analysis and statistics, rational and irrational numbers, solving and graphing linear equations, algebra and geometry, and the number system. The use of critical thinking is constantly encouraged. Use of the calculator is incorporated throughout this program.

Prerequisite(s): Passing grade in Math 7

Course Name: Math 8 – OCR

Course #: 21018

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: The objectives in this course are designed to help students learn to recognize and appreciate the involvement of mathematics in the real world. This course focuses on three critical areas: 1) applying equations in one and two variables; 2) understanding the concept of a function and using functions to describe quantitative relationships; and 3) applying the Pythagorean Theorem and the concepts of similarity and congruence. In a modified-classroom setting, this course will help students transition

from middle school to high school mathematics by providing a solid foundation for both algebra and geometry. This course serves as a prerequisite for Algebra I and familiarizes students for higher levels of mathematics, standardized testing, and real-life applications.
Prerequisite(s): Math 7

Course Name: Algebra I – CP

Course #: 20001

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5 credits

Description of Course: This course is for students whose previous scholastic record and ability indicate that they can succeed in a one year Algebra I. The course objectives are to develop a thorough understanding of basic algebra concepts and to apply those concepts to problem solving in multiple settings. Course content includes the solving linear equations, solving linear inequalities, graphing linear functions, writing linear functions, solving systems of linear equations, exponential functions, polynomial equations and factoring, graphing quadratic functions, solving quadratic functions, and radical functions and equations.

Prerequisite(s): Passing grade in Math 8

Course Name: Algebra IA – OCR

Course #: 20002

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: This course is for students whose previous scholastic record and ability indicate that they would benefit from a two year Algebra I course and are in need of furthering their Algebra I readiness. The course objectives are to develop a thorough understanding of basic algebra concepts and to apply those concepts to problem solving in multiple settings. Course content includes solving linear equations, solving linear inequalities, graphing linear functions, writing linear functions, solving systems of linear equations, and exponential functions. Students will be required to enroll in Algebra IB upon successful mastery of this course.

Prerequisite(s): Math 8 and teacher recommendation

Course Name: Algebra IA

Course #: 20002

Length of Course: Full Year

Grade Level(s): 9-10

Number of Credits: 5

Description of Course: This course is for students whose previous scholastic record and ability indicate that they would benefit from a two year Algebra I course and are in need of furthering their Algebra I readiness. Successful mastery in the course will enable students to take Algebra IB. The course objectives are to develop a thorough

understanding of basic algebra concepts and to apply those concepts to problem solving in multiple settings. Course content includes the solving linear equations, solving linear inequalities, graphing linear functions, writing linear functions, solving systems of linear equations, and exponential functions.

Prerequisite(s): Math 8 and teacher recommendation

Course Name: Algebra IB – OCR

Course #: 20004

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: The Algebra IB course provides students with opportunities for using straightforward applications of algebraic skills and concepts previously learned. Students will continue to develop connections between concrete examples and algebraic symbols and concepts. Course content includes solving systems of linear equations and inequalities, exponents, quadratic equations and functions, polynomials and factoring, rational expressions, and connections to geometry. The course emphasizes the use of symbolic language and a methodical approach to problem solving. Instruction to develop skills for the End of Course Algebra exam will be provided. This course completes the Algebra I graduation requirement.

Prerequisite(s): Passing grade in Algebra IA

Course Name: Algebra I-8 – Honors

Course #: 21001

Length of Course: Full Year

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: This course is for students whose previous scholastic record and ability indicate that they can succeed in a one year Algebra I in 7th or 8th grade. The course objectives are to develop a thorough understanding of basic algebra concepts and to apply those concepts to problem solving in multiple settings. Course content includes the solving linear equations, solving linear inequalities, graphing linear functions, writing linear functions, solving systems of linear equations, exponential functions, polynomial equations and factoring, graphing quadratic functions, solving quadratic functions, and radical functions and equations.

Prerequisite(s): A grade of 85% or higher in Advanced Math 7 and/or teacher recommendation

Course Name: Algebra II – CP

Course #: 20021

Length of Course: Full Year

Grade Level(s): 10 - 12

Number of Credits: 5

Description of Course: In this course, students will solidify concepts of Algebra I (through review, extension and application to problem solving) and study new, advanced topics including quadratic functions, complex numbers, polynomial functions, properties of rational exponents, radical functions, inverse functions, exponential functions, logarithmic functions, rational functions, sequences, series, trigonometric functions, probability and statistics. Applications are extended to include modeling through the use of polynomial, power and exponential functions.

Prerequisite(s): Passing grade in Algebra I

Course Name: Algebra II – Honors

Course #: 20022

Length of Course: Full year

Grade Levels: 9-11

Number of Credits: 5

Description of Course: In this course students will solidify concepts of Algebra I (through review, extension and application to problem solving) and study new, advanced topics including quadratic functions, complex numbers, polynomial functions, properties of rational exponents, radical functions, inverse functions, exponential functions, logarithmic functions, rational functions, sequences, series, trigonometric functions, probability and statistics. Applications are extended to include modeling through the use of polynomial, power and exponential functions. Graphing calculators are used to develop concepts and provide access to more complex applications.

Prerequisites: Minimum grade of a 85% (B) in Algebra I – Honors, the recommendation of the Algebra I teacher, and/or a passing grade on the current Algebra I state standardized assessment

Course Name: College Algebra

Course #: 20034

Length of Course: Full Year

Grade Level(s): 10 - 12

Number of Credits: 5

Description of Course: Course objectives are to solidify concepts taught in Algebra I and Algebra II through review, extension and application to problem solving. Topics include: polynomial, rational, logarithmic and exponential functions and systems of equations and inequalities. Concepts are approached both algebraically and graphically to enhance student understanding. Applications are extended to include modeling through the use of quadratic, power and exponential functions.

Prerequisite(s): Passing grade in Algebra II and/or teacher recommendation

Course Name: Geometry Elements

Course #: 20013

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This geometry course facilitates the use of mathematics in daily life. The course is designed to introduce students to the fundamentals of geometry. The course provides students with models for conceptual understanding, and methodical development of mathematical reasoning. Continued skill review and development of basic mathematical concepts assists in acquisition of new content. Units of instruction include basics of geometry, triangles, quadrilaterals, patterns, area and volume and circles.

Prerequisite(s): Passing grade in Algebra II, teacher recommendation

Course Name: Geometry - CP

Course #: 20011

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: In this course students will be furthering their study of Euclidean Geometry. Skills acquired in Algebra I will be further strengthened throughout the course. Units of study include: Patterns and Inductive Reasoning; Deductive Reasoning and Proof; Parallel Lines and Perpendicular Lines; Properties of Triangles; Quadrilaterals; Surface Area and Volume of Solid Figures. Computer software will be used throughout the course.

Prerequisite(s): Algebra I

Course Name: Geometry – Honors

Course #: 20012

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: In this course students will be furthering their study of Euclidean Geometry. This course will be presented at a faster pace than a traditional Geometry course. Units of study include: Patterns and Inductive Reasoning; Deductive Reasoning and Proof; Parallel Lines and Perpendicular Lines; Congruent Triangles; Similar Triangles; Right Triangles and Right Triangle Trigonometry; Quadrilaterals; Circles; Surface Area and Volume of Solid Figures. Approximately one semester will be spent on developing proofs. Computer software will be used throughout the course.

Prerequisite(s): Grade of an 85% (B) or higher in Algebra II, teacher recommendation

Course Name: Pre- Calculus – CP

Course #: 20030

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: This course is offered for students who intend to work in the area of math/science on the college level or in their careers. The following functions are studied in depth: polynomials, rational, radical, exponential, logarithmic and trigonometric. Graphing calculators are used to develop concepts and provide access to more complex applications.

Prerequisite(s): A grade of an 85% (B) or higher in Algebra II and/or an 85% (B) or higher in Geometry

Course Name: Pre-Calculus – Honors

Course #: 20031

Length of Course: Full year

Grade Levels: 10-12

Number of Credits: 5

Description of Course: This course is offered for students who plan to study highly advanced math courses in college or who plan to utilize complex mathematics in a career path. The honors program develops an in-depth study of the following functions: polynomial, rational, radical, exponential, logarithmic and trigonometric. Graphing calculators are used to develop concepts and provide access to more complex applications. Mathematical models are developed using graphing calculators and computers. Students who successfully complete Pre-Calculus Honors will be considered for acceptance into AP Calculus for the following year.

Prerequisites: Minimum grade of an 85% (B) in Algebra II Honors, the recommendation of the Algebra II Honors teacher, and an evaluation of the current Algebra II state standardized assessment scores

Course Name: Calculus – Honors

Course #: 20332

Length of Course: Full year

Grade Levels: 11-12

Number of Credits: 5

Description of Course: This is an advanced course for the serious-minded student who plans to pursue a college major where calculus is required or is considering a career that involves advanced math. Topics to be presented will include functions, limits, derivatives of algebraic and transcendental functions, applications of derivatives, integration, and applications of the definite integral. Graphing calculators are used to develop concepts and provide access to more complex applications.

Prerequisites: A passing grade in Pre-Calculus - Honors or a grade of an 85% (B) or higher in Pre-Calculus CP, and the recommendation of the Pre-Calculus teacher

Course Name: Calculus – AP

Course #: 20033

Length of Course: Full year

Grade Levels: 11-12

Number of Credits: 5

Description of Course: This course is designed for motivated and dedicated students who are prepared to accept the challenges of advanced mathematics. This course offers in-depth coverage of functions, limits, derivatives of algebraic and transcendental functions, applications of derivatives, integration and applications of the definite integral. Graphing calculators are used to develop concepts and provide access to more complex

applications. This is a college level course and students are expected to perform at that level. Students may obtain college credit by taking the AP exam in May. This course is highly recommended for those students who plan on pursuing math or science related fields in college.

Prerequisites: A grade of an 85% (B) or higher in Pre-Calculus Honors and the recommendation of the Pre-Calculus Honors teacher

Course Name: Statistics – AP

Course #: 20036

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: This course will build upon the basic statistics and probability concepts that have been discussed in courses throughout the mathematics program. Four major conceptual themes include 1: Exploring data which asks students to look at real world data sets to illustrate concepts. 2: Experimental design in which students create experiments to draw conclusions about data. 3: Producing models using probability and simulation. 4: Statistical inference as a way to understand what can be generalized about populations.

Prerequisite(s): A grade of an 85% (B) in Algebra II and Geometry, co-requisite Pre-Calculus

Science

South Hunterdon Regional School District science curricula align to the New Jersey Student Learning Standards for Science. South Hunterdon Regional School District strongly recommends that all students have 4 years of science classes in grades 9th-12th.

All instruction in the Science Department aims to help develop an understanding of the nature of science, analyze the implications of scientific knowledge, and refine the skills of scientific investigation that are central to scientific methods. All courses include the following proficiencies:

- To develop problem solving skills (textbook and laboratory based) and to work cooperatively with others toward the solving of these problems.
- To acquire knowledge of current theories and scientific research as well as comprehension of the language of the sciences.
- To demonstrate an understanding of the complex interdependence of all aspects of the physical and biological world and the relationship of humans to those systems.

The laboratory experience in all science courses allows students to utilize tools, data-collection techniques, models and theories of science, and to:

- Actively participate in scientific investigations;
- Use cognitive and manipulative skills associated with the formulation of scientific explanations;

- Use evidence, apply logic, and construct arguments for their proposed explanations.

College admissions standards often include additional study and specific laboratory requirements. Students planning to major in one of the STEM subjects (Science-Technology- Engineering-Mathematics) should pursue a rigorous four-year sequence that includes courses with varied laboratory experiences.

Science courses that are core courses and labeled as science and prerequisites for enrolling in the classes are listed along with the course descriptions. Suggested course sequences are based on future college and/or plans and interests. The science department also offers a wide range of elective courses that reflect the most interesting fields of study within the sciences.

Science CP Program Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Integrated Science CP	Biology CP or Biology Honors	Chemistry CP, Chemistry Honors Or Environmental Science	Any Science elective not already taken*

Science Honors Program Sequence

9 th Grade	10 th Grade	11 th Grade	12 th Grade
Biology Honors	Chemistry CP or Chemistry Honors	Physics Honors AP Biology AP Chemistry	Any Science elective not already taken*

REQUIRED for graduation:

- *Biology (must be taken)*
- *Chemistry, Physics, OR Environmental Science*
- *A third Lab Science - courses that count as a "Lab Science" are marked with an **

****It is highly recommended by SHRS D that students take Biology, Chemistry and Physics prior to graduation. ****

Course Name: Science 7

Course #: 31007

Length of Course: Full Year

Grade Level(s): 7

Number of Credits: N/A

Description of Course: The 7th grade science course provides an introduction to many of the concepts associated with the Life Sciences by having students engage with the NJ Student Learning Standards for Science/Next Generation Science Standards. The general topics of Classification, Cell Processes, Inheritance, Evolution, Body Systems, and Ecology are covered during the 7th grade year. These topics are used to draw broad conclusions regarding the interconnectedness of life on various levels such as within an individual body, throughout an ecosystem, over long periods of time in Earth's history. These concepts will be explored via curriculum which emphasizes the general science process skills of observation, experimentation, data collection, and analysis.

Prerequisite(s): Passing grade in 6th Grade Science

Course Name: Science 8

Course #: 31008

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: Science 8 primarily focuses on physical science topics. Students begin the year discussing lab procedures, lab safety and the metric system. Through their study of matter and chemistry, students build understandings of what occurs at the atomic and molecular scale. Students gain an understanding of states of matter, changes between states, and chemical reactions. Through their study of physics, students will build understandings of motion, forces and how materials interact. Students gain an understanding of energy transfer, different types of energy and Newton's Laws of Motion. Finally, students will gain an understanding of the characteristics of waves and how they behave. Students will use science and engineering practices to demonstrate understanding of core ideas. Science 8 is a hands-on science course. Students perform group and laboratory work on a daily basis.

Prerequisite(s): Passing grade in Science 7

Course Name: Science – ESL*

Course #: 10010

Length of Course: Full Year

Grade Level(s): 7-12

Number of Credits: 5

Description of Course: This course is designed to address the Earth, Life and Physical science portions of the New Jersey Student Learning Standards for Science as well as the development of science practice skills. Students in this course will not only practice science skills but develop more academic vocabulary to build on their English language proficiency. The course is designed for students that enjoy science yet require additional reinforcement in language as well as science. Concepts emphasized in Earth Science include understanding the earth, rocks, changing surfaces, climate and weather, earth, sun and moon, natural resources and how people affect the Earth. Students will be introduced to the following topics in Life Science: exploring ecology, life's diversity, cell structure, cells to organisms, energy and nutrients, responding to the environment,

reproduction, and inheritance and change over time. Finally, students will explore physical science through the following topics: the structure of matter, states of matter, properties and the periodic table, bonds, reactions, energy, force and motion, light and sound and matter in the universe. While students of all language proficiencies are learning about these scientific topics they will be building their language skills through the use of the WIDA national standards and implementation of listening, speaking, reading and writing within all lessons.

Prerequisite(s): Must be an ELL

Course Name: Integrated Science*

Course #: 30001

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: This course is a one year integrated science course designed to present physical science concepts that enable students to more effectively address everyday science questions facing the citizens of today and of the future. It also builds a firm foundation for each student for the successful participation in biology, chemistry, and physics during their future high school and college careers. Emphasis is placed on engaging the student in hands-on learning and the use of problem-solving strategies.

Topics presented center on physical science.

Prerequisite(s): None

Course Name: Biology – CP*

Course #: 30011

Length of Course: Full Year

Grade Level(s): 10

Number of Credits: 5

Description of Course: The College Prep level Biology course provides an in-depth survey of the major topics and current issues in the Life Sciences. General topics of Linnaean Classification system, Cellular Processes, Genetics, Evolution, Body Systems, and Ecology are studied. These topics are used to show the interconnectedness of life and examine the biological issues which will face future generations of humans such as genetic engineering, species and habitat loss as well as future of medicine. These concepts will be explored via curriculum which emphasizes the general science process skills of observation, experimentation, data collection, and analysis.

Prerequisite(s): None

Course Name: Environmental Science – CP*

Course #: 30040

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: Environmental Science introduces students to relevant environmental issues they face today as well as may in the future. Throughout the course, students gain an understanding of local, regional and global environmental issues, ecological principles and energy flow of ecosystems, how population impacts the environment, the use of renewable and nonrenewable resources, impact of human activities on natural ecosystems, types and sources of pollution, and government policies on environmental issues. The course work throughout the year is project based and requires students to use problem solving skills to provide solutions to environmental problems. Students will use science and engineering practices to show understanding of core ideas.

Prerequisite(s): Passing grade in Biology

Course Name: Chemistry – CP*

Course #: 30021

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 6

Description of Course: This course is designed for those students who will use chemistry as a foundation upon which they may build in college, engineering, nursing, or technical schools. It consists of a study of the chemical nature of matter, the solution of various chemical problems both by mathematics and laboratory skills and techniques in the handling of chemical materials and apparatus. Students taking this course should gain a greater insight into the scientific advances made possible through chemistry.

Prerequisites: Passing grades in Biology (strongly suggested that students have earned an 85% (B) or higher in Algebra II or concurrently be enrolled in Algebra II)

Course Name: Chemistry – Honors*

Course #: 30022

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 6

Description of Course: Chemistry Honors differs from the Chemistry course in terms of the level of expectations placed on the students, the pace of the course, the expected skill level and the breadth and depth of the content covered.

Prerequisites: A score of an 88% (B+) or higher in Biology Honors OR a grade of a 90% (A-) or higher in Biology CP (strongly suggested that students be concurrently enrolled in Geometry and have earned an 88% (B+) or higher in Algebra II or concurrently be enrolled in Algebra II)

Course Name: Chemistry – AP*

Course #: 30023

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 6

Description of Course: This course is designed for those students who will use chemistry as a foundation which they may build in college, engineering, pre-med, and pharmaceutical programs. The curriculum is designed for those students who wish to be challenged in the science area. The course offers an in-depth coverage of the interaction of matter, stoichiometry, and advanced laboratory procedures. AP Chemistry is highly recommended for those students who plan on being a science major in college.

Prerequisite(s): A grade of an 85% (B) or higher in Chemistry Honors or a grade of a 90% (A-) or higher in Chemistry CP and teacher recommendation (strongly recommended that students earned an 85% (B) or higher in Algebra II and concurrently enrolled in Pre-Calculus or Calculus)

Course Name: Physics – Honors*

Course #: 30030

Grade Level(s): 11-12

Number of Credits: 5

Length of Course: Full Year

Description of Course: The behavior of matter and energy will be studied through laboratory investigations and through the use of theoretical concepts. Provision is made for students to solve problems presented in their studies. Familiarity with common laboratory apparatus and equipment will be gained through use in practical applications of the laws of physics.

Prerequisites: None (strongly recommended that students have earned a grade of an 85% (B) or higher in Chemistry and have successfully completed or be concurrently enrolled in Pre-Calculus)

Course Name: Biology – Honors*

Course #: 30012

Grade Level(s): 9-10

Number of Credits:

- 6 credits (students in graduating classes of 2019, 2020, and 2021)
- 5 credits (students in graduating class of 2022)

Length of Course: Full Year

Description of Course: Honors Biology is a course that explores principles in biochemistry, cell biology, genetics and evolution, ecology, biodiversity, and human biology. These principles are presented at an accelerated pace for those students who wish to be challenged in the area of biology. The laboratory component of this course will provide an opportunity for students to investigate principles in biology in greater depth. The preparation of an insect collection during the summer before taking the course is a requirement.

Prerequisites: Minimum of 93% average in Grade 8 Science

Course Name: Biology CP*

Course #: 30011

Grade Level(s): 10-12

Number of Credits: 5

Length of Course: Full Year

Description of Course: Biology is a course that explores major themes of biology through investigating biological theories. Students will develop analysis skills through developing and testing hypotheses in a hands-on laboratory setting. Students will end the course with the skills necessary to continue their education in science and cope with important biosocial issues throughout their lives. The preparation of an insect collection during the summer before taking the course is a requirement.

Prerequisite: Passing score in Integrated Science

Course Name: Biology – AP*

Course #: 30013

Grade Level(s): 11-12

Number of Credits: 7

Length of Course: Full Year

Description of Course: This course is designed to be the equivalent of a college introductory biology course usually taken by biology majors in their freshman year of college. The two main goals are to develop a conceptual framework for modern biology and to gain experience in biology inquiry through laboratory experimentation and field investigations. This course will provide students with an opportunity to gain confidence about their ability to succeed and excel in future college science courses. The 3 major course topics in AP Biology consist of: molecules and cells, heredity and evolution, and organisms and populations. Students must be willing to expend a large amount of time and effort to succeed. Students may obtain college credit by taking the AP Biology Exam in May in accordance with the requirements of the school's AP program of study.

Prerequisites: Minimum of a 85% in Biology Honors or a 93% and/or a teacher recommendation in Biology and Chemistry Honors OR concurrently enrolled in Chemistry.

Social Studies/History

The South Hunterdon Regional Social Studies Program and the State of New Jersey require three years of Social Studies/History as part of the graduation requirements. This represents two years of United States History and one year of World History and Cultures.

Course Name: Social Studies Grade 7: American History

Course #: 41007

Length of Course: Full Year

Grade Level(s): 7

Number of Credits: N/A

Description of Course: This course is designed to enable students to understand the relationship between the physical and human environments of Earth. Students in this course develop a greater awareness of the history, culture, and geography. Students study general topics in physical and human geography and then look more closely at the

geography and cultures on each of the continents around the world, beginning with North America. The study of Geography is defined by the five themes, which generate the essential questions in each area for the investigations leading to discovery on the part of students. Students become familiar with major landforms, countries, and cities around the world, and develop their skills in research, map construction and interpretation, and critical thinking. Throughout the year, this course also includes an on-going exposure to current events and historical fiction, while continually working on improving their written and oral expression.

Prerequisite(s): Passing grade in 6th Grade Social Studies

Course Name: Social Studies - Grade 8: Ancient Civilizations

Course #: 41008

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: This eighth grade Social Studies class is an integrated program of history, geography, and citizenship. The early civilizations of Mesopotamia and Egypt are briefly observed as a continuation of world history studies from 6th grade. The ancient civilizations of India, China, Greece, Rome and Medieval Europe are explored in more detail. Location, religions, cultures, and government of the various countries are studied. Student activities include connection of current events, reading and writing activities, projects, and class discussion. This course traces the development of humankind from the Early River Civilizations through the Middle Ages in Europe.

Prerequisite(s): Passing grade in 7th Grade Social Studies

Course Name: Social Studies Grade 9: World History and Culture – CP

Course #: 40000

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: World History and Culture describes the variety of world cultures that humans have developed from ancient times to the present. The course will examine the continuity of world history and will give an understanding of cause and effect relationships of important events throughout history. The cultures of Europe, Asia, Africa, and Latin America will be covered through their history from the Middle Ages.

Prerequisite(s): None

Course Name: World History & Culture – Honors

Course #: 40050

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5

Description of Course: World History & Cultures Honors is an accelerated program. Middle Ages will be briefly observed as a continuation of world history studies from 8th grade.

The course will cover time periods from the Renaissance up until World War I while going into depth within each unit. Students in this course will be required to read and write critically as well as analyze primary sources to practice and learn key skills for social studies that will be essential for upcoming high level history courses. Students will be completing a mix of projects and standard assessments to show their understanding of the political structure, economics and culture of a rapidly modernizing world.

Prerequisite(s): Teacher recommendation, 88% or better in 8th Grade Social Studies, and completion of essay/writing sample, summer work due on first day of class

Course Name: US History I

Course #: 40101

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This course in American history is required of all students. Extensive study of "American Constitutional Government" is offered. This course attempts to trace the social, economic and political genesis of the United States beginning with the period of exploration and discovery of the New World to the emergence of the United States as a world power. The course goes through the American Civil War and Reconstruction. In addition to the historical study of America, the student is taught to read critically, to interpret maps and graphs, to evaluate evidence and to separate fact from opinion. The methodology is centered on the inquiry approach.

Prerequisite(s): None

Course Name: US History I - Honors

Course #: 40102

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: United States History I - Honors is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for college courses by making demands upon them equivalent to those made by full year introductory college courses. Students should learn to assess historical materials--their relevance to a given interpretive problem, their reliability, and their importance--and to weigh the evidence and interpretations presented in historical scholarship. United States History I should thus develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will learn to write historical long essays and Document Based Questions (DBQ's).

Prerequisite(s): Teacher recommendation from World History, at least a grade of a B in World History, entrance essay submitted to teacher, summer work due on first day of class

Course Name: US History II

Course #: 40103

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: The eleventh grade social studies program is a survey of United States History with an emphasis on the economic, social, and political characteristics of the twentieth century beginning with the rise of industrialization and culminating with the Civil Rights Movement of the 1960's. The role of women, immigrants, African-Americans, Native Americans, and the diverse racial and ethnic groups of America will be highlighted throughout the course of study. Critical thinking, presentation, and improved writing skills will be interwoven in the curriculum.

Prerequisite(s): Passing grade in US History I

Course Name: US History - AP

Course #: 40105

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: Advanced Placement United States History is an intensive course of study designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The course also prepares the students for the AP College Board exam and is run with the intensity of a college class. The program prepares students for college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials--their relevance to a given interpretive problem, their reliability, and their importance--and to weigh the evidence and interpretations presented in historical scholarship. Advanced Placement United History should thus develop the skills necessary to arrive at conclusions on the basis of informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students will write LEQs (Long Essay Questions), DBQ's (Document Based Questions), and SAQ's (Short Answer Questions). These are all in preparation for the AP exam which is given in May of each school year.

Prerequisite(s): US I Honors, Teacher recommendation, B in Honors, summer work due on the first day of class

World Language

The South Hunterdon Regional School District recognizes the need to prepare students to function competently in at least one language in addition to English. In the 21st century, students must interact with persons of other societies and cultures to enable them to interpret other societies' history, concepts and ideas. To this end South Hunterdon Regional School District offers sequential modern language study in French and Spanish employing communicative modes of instruction.

Course Name: Middle School French

Course #: 77003

Length of Course: 7 weeks

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: This course is offered as part of the Middle School specials rotation. The main goal is to expose the students to the basics of the French language and culture. Through speaking, listening, reading and writing activities that incorporate various Francophone cultural activities, the students can experience and build an appreciation of the French speaking world.

Prerequisite(s): None

Course Name: French I

Course #: 50001

Length of Course: Full Year

Grade Level(s): 8-12

Number of Credits: 5

Description of Course: French I is where students begin to learn the language, geography and cultures of French speaking countries. This course is designed for students to communicate by speaking, reading, writing, and understanding written and spoken French. They will learn to communicate in everyday situations through dialogues, oral presentations, projects and group activities. Grammar is taught directly and indirectly throughout the entire year. The use of music, film, food and games enrich the students' appreciation of Francophone culture.

Prerequisite(s): None (Middle School French preferred)

Course Name: French II

Course #: 50002

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: French II is designed for students who have a fundamental knowledge of the sound system, grammatical structures and vocabulary presented in the French I course. There is increased opportunity to practice the four basic skills of listening, speaking, reading and writing through in-class application, role-plays, immersive experiences and student-led culture days. The students are exposed to various Francophone countries and choose cultural aspects to present and share with the class through music, food, games and more.

Prerequisite(s): Passing grade in French I

Course Name: French III

Course #: 50003

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: French III is a continuation of the study of the language and Francophone world. At this advanced level, thinking in French enables the student to appreciate and enjoy more fully the language through the study of French music, literature and theatre. Much more competence in the writing skill is expected, and a full command of grammar by the end of the year is a “must”. Communication in French is stressed as we practice and apply our skills in interpretation, presentation and interpersonal expression.

Prerequisite(s): Passing grade in French II

Course Name: French IV – Honors

Course #: 50004

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: French IV – Honors is taught as a Pre-AP course for the students to learn advanced grammar and broaden their vocabulary through multimedia (authentic texts, news, films, musicals, etc.) They will informally practice the AP tasks of presentational, interpretive and interpersonal communication while focusing on the various themes of community, technology, culture, world challenges, self-identity and contemporary life. Role-play, skits, immersion activities, games and conversation encourage the students to use the language in a meaningful way.

Prerequisite(s): Passing grade in French III

Course Name: French V – AP

Course #: 50005

Length of Course: Full Year

Grade Level(s): 12

Number of Credits: 5

Description of Course: French V – AP is an extension of French IV – Honors. It further broadens the students’ interest in the French language and Francophone culture through multimedia resources (authentic texts, news, films, etc.) and role play/ immersive experiences to simulate real world situations in which the language is used. Grammar is refined through application of reading, writing, speaking and listening. Students will prepare for the STAMP and AP tests using the AP format to meet our objectives of communication (presentational, interpersonal and interpretive).

Prerequisite(s): Passing grade in French IV – Honors

Course Name: Spanish I

Course #: 50011

Length of Course): Full Year

Grade Level(s): 8-12

Number of Credits: 5

Description of Course: Spanish Level I students acquire communication skills and content knowledge while exploring the products, practices, and perspectives of Spanish-speaking cultures. Video blogs, audio/video authentic resources, vocabulary PowerPoints, online portfolios and discussion forums are used for both cultural and grammatical reinforcement.

Prerequisite(s): None

Course Name: Spanish II

Course #: 50012

Length of Course): Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Spanish II is a course designed for students who have a fundamental knowledge of the sound system, grammatical structures, and the vocabulary presented in Spanish I. There is increased opportunity to practice the four basic skills of listening comprehension, speaking, reading, and writing. Vocabulary building and grammar development are taught through practice in various contexts and modeling. Culture is incorporated throughout the course.

Prerequisite(s): Passing grade in Spanish I or teacher approval and >80% on Spanish I final exam

Course Name: Spanish III

Course #: 50013

Length of Course): Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Spanish Level III students have opportunities to interact and engage with authentic materials and adolescent speakers of the Spanish language. Students will continue to acquire communication skills and content knowledge while exploring the products, practices, and perspectives of Spanish-speaking cultures. Video blogs, audio/video authentic resources, vocabulary PowerPoints, online portfolios and discussion forums are used for both cultural and grammatical reinforcement.

Prerequisite(s): Passing grade in Spanish II

Course Name: Spanish IV – Honors

Course #: 50014

Length of Course): Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Honors Spanish IV focuses on the advancing proficiency in reading, writing, listening, and speaking skills with increased grammatical accuracy and cultural appropriateness. Spoken and written expression is emphasized within the themes of the course, which include identity, science and technology, families and communities, and modern life. Students should be prepared to use the Spanish language almost exclusively.

Prerequisite(s): Passing grade in Spanish III with a recommended average of 85%

Course Name: Spanish V – AP

Course #: 50015

Length of Course): Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: Spanish V – AP is a rigorous college-level course designed to work towards mastery in the skills that are required for success on the AP Exam. Throughout the year, students complete tasks that are similar in nature to those which appear on the AP Spanish Language and Culture exam, which include reading and listening comprehension and spoken and written expression with appropriate cultural references. The themes of the course include Beauty and Aesthetic, Contemporary Life, Families and Communities, Global Challenges, Personal and Public Identities, and Science and Technology.

Prerequisite(s): Passing grade in Spanish IV – Honors with a recommended average of 85%

Health, Safety, and Physical Education

Physical Education and Health are required courses of study in the State of New Jersey. To qualify for a High School diploma, a student must pass four years of the required program.

Course Name: Physical Education Grades 7 – 8

Course #: 67007 (7th Grade) & 68008 (8th Grade)

Length of Course: 3 Marking Periods

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: The middle school physical education program is an orientation program. Seventh and Eighth grade students are placed in separate classes with their peers. An attempt is made to teach the students the skills and techniques needed to compete in a variety of activities. This in turn enables the students to make intelligent choices in their physical education program when they reach the high school. The middle school activities are as follows: flag football, field hockey, soccer, volleyball, lacrosse, floor hockey, weight training, basketball, track and field, softball, aerobics, Adventure Programming and other mass games. Written tests may be given to evaluate knowledge of rules.

Prerequisite(s): None

Course Name: High School Physical Education 9-12

**MUST be enrolled in at least 1 Physical Education course each year in attendance at South Hunterdon Regional High School

Course #: 60009 (9th Grade), 60010 (10th Grade), 60011 (11th Grade), and 60012 (12th Grade)

Length of Course: Three marking periods each grade level

Grade Level(s): 9-12

Number of Credits: 3.75 (each grade level)

Course Description: The High School physical education is a coeducational program. Students in grades 9-12 will be offered specific activities by marking period. Students will have the opportunity to participate in activities that include fitness and strength training, aerobics, Adventure Programming, which includes cooperative team building, a variety of team and individual activities, and dance. Physical Education/Health courses are available in each quarter. Students will be placed in three quarters of physical education and one quarter of health per year.

Prerequisite(s): Completion of preceding grade level's Physical Education course

Course Name: 7th and 8th Grade Health

Course #: 67007 (7th Grade) and 68008 (8th Grade)

Length of Course: Marking Period each grade level

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: A course designed for the students to be introduced to a broad spectrum of relevant health topics. Students will be able to study how the body grows and changes through life, with emphasis on puberty and the reproductive systems. Also, critically evaluate misconceptions, beliefs, and information on drugs in order to establish a sound basis for personal action.

Prerequisite(s): None

Course Name: Health – Grade 9 – Physical/Emotional Growth & Development (CP)

Course #: 60119

Length of Course: Marking Period

Grade Level(s): 9

Number of Credits: 1.25

Description of Course: This course is designed to give students a more complete understanding of their physical and emotional sexuality. It is a course in which they will gain an understanding of how to make informed decisions in the process of managing their environments. This course presents clear, accurate information on the life cycle, adult relationships, family planning and pregnancy, drugs and alcohol. Emphasis is placed on helping students to prepare to cope with interpersonal relationships and with the stress of current social issues.

Prerequisite(s): None

Course Name: Driver's Ed – 10th Grade Health

Course #: 62211

Length of Course: Marking Period

Grade Level(s): 10

Number of Credits: 1.25

Description of Course: This classroom theory phase of driver education is designed to develop the student's understanding of traffic rules and regulations, car care and

maintenance, road courtesies expected of an informed driver, and substance abuse as it relates to driving.

Prerequisite(s): Passing grade in 9th Grade Health

Course Name: Health – Family Living 11 – 12

Course #: 64211 (11th Grade) and 64212 (12th Grade)

Length of Course: Marking Period each grade level

Grade Level(s): 11-12

Number of Credits: 1.25 (each grade level)

Description of Course: A course designed for the students to be prepared for a world after high school. Students will study mental health, personality, mental illness, suicide, depression, drug abuse, alcohol abuse, decision making, money management, relationships, communication skills, sexuality, reproductive systems, and family living.

Prerequisite(s): Passing grade in the preceding grade level's Health class

Course Name: Health – First Aid 11 – 12

Course #: 64212

Length of Course: Marking Period

Grade Level(s): 11/12

Number of Credits: 1.25 (each grade level)

Description of Course: A course designed for the students to be able to identify practices that are potential causes of accidents. This course covers the function of the systems of the body, responding to emergencies as well as basic survival skills. Students will engage in hands on learning in emergency care, first aid, and CPR procedures.

Prerequisite(s): Passing grade in the preceding grade level's Health class

Financial, Economic Business, and Entrepreneurial Literacy/Financial Literacy

Course Name: 8th Grade Financial Literacy

Course #: ??

Length of Course: One Marking Period

Grade Level(s): 8

Number of Credits: N/A

Description of Course: This is a subject that deals with real life: earning, borrowing, spending, saving, and investing. You can be the best mathematician or scientist, be bilingual, artistically creative, cultured, athletic, a historically literate person and still end up living from paycheck to paycheck or worse yet, broke! All students graduating from high school should be armed with computer and financial knowledge to assist them on their road to success. This class teaches you the basics through reading, playing games, and guest speakers who are experts in the field of financial planning.

Prerequisite(s): None

Course Name: Financial Literacy & SAT/Naviance

Course #: 80001 (Financial Literacy) & 13000 (SAT/Naviance)

Length of Course: SAT One Semester, Financial Literacy One Semester

Grade Level(s): 10-12

Number of Credits: 5.0 (2.5 for each course)

Description of Course: This is a subject that deals with real life: earning, borrowing, spending, saving, and investing. You can be the best mathematician or scientist, be bilingual, artistically creative, cultured, athletic, a historically literate person and still end up living from paycheck to paycheck or worse yet, broke! All students graduating from high school should be armed with computer and financial knowledge to assist them on their road to success. This class teaches you the basics through reading, playing games, and guest speakers who are experts in the field of financial planning.

Prerequisite(s): None

Course Name: Economics

Course #: 40011

Length of Course: Semester (Contemporary Issues will be taken the second half of the same year)

Grade Level(s): 10-12

Number of Credits: 2.5

Description of Course: This course introduces students to the study of economics and principles of financial investment. Fundamental microeconomic principles of scarcity, opportunity costs, comparative advantage, supply and demand, elasticity, and price controls are discussed. Macroeconomic principles include issues of national output, unemployment, inflation, and the Federal Reserve's use of monetary policy for stabilization of the economy. The personal finance component includes an ongoing study of the securities market through the use of a stock simulation.

Prerequisite(s): None

Course Name: Contemporary Issues

Course #: 40010

Length of Course: Semester (Economics will be taken the second half of the same year)

Grade Level(s): 9-12

Number of Credits: 2.5

Description of Course: Contemporary Issues gives a student a broad view of local, national, and international current events. This course is designed to produce well informed citizens that are aware of domestic and global issues, and how these issues affect the world as a global community. Contemporary Issues places a heavy emphasis on reading, writing, and critical thinking.

Prerequisite(s): None

21st Century Life & Careers and Career Technical Education/Practical Arts

The Practical Arts Program is a critical component of the overall educational process. The Practical Arts Program provides a unique and important understanding of how to succeed in the world. Skills acquired through practical arts education have unlimited applications in life as well as in other areas of study and include areas of critical thinking and workplace readiness.

South Hunterdon Regional School District offers a range of courses in the practical arts in areas of industrial arts, family and consumer science, and agricultural science. These courses are intended to encourage skill development and technical mastery in specific practical areas, to provide technical enrichment, awareness and ability to become producers and consumers and to develop those skills necessary to succeed in post-secondary education and individual career choices.

Course Name: Tech Art

Course #: 70005

Length of Course: Full year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This unique offering includes a blend of Art and Industrial Arts as well as engineering. In this course, students will learn to create functional objects with an emphasis on aesthetics. Students will explore a variety of design styles, materials, tools, and methods, in addition to appropriate applications and safety procedures. Projects include wood and plaster carving, furniture design and building, as well as bridge design and construction.

Prerequisite(s): Passing grade in Art I

Course Name: Culinary Arts

Course #: 90000

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Culinary Arts is a beginning course in food preparation, nutrition and food science. Students work with partners in a lab setting to create a variety of food products. The course offers hands-on experiences and theory. Written and practical tests are given. Safety and sanitation principles are stressed. Students develop their own recipe file box.

Prerequisite(s): None

Course Name: Super Meals & Superb Baking (Offered alternate years with World Cuisine/Advanced Culinary Arts)

****The course will not be offered in the 2018-2019 school year, but will be offered in the 2019-2020 school year****

Course #: 90001

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This course is designed to build skills in advanced food preparation, evaluation and service. Students select the recipes they would like to prepare and serve in an attractive and interesting way. Creative thinking, organization of time and self-confidence are emphasized throughout the course. In addition, students will prepare gingerbread structures, sugar eggs and learn cake decorating techniques. Students work with lab partners and learn more complex culinary techniques.

Prerequisite(s): Passing grade in Culinary Arts

Course Name: World Cuisine/Advanced Culinary Arts

****This course will be offered in the 2018-2019 school year, but will not be offered in the 2019-2020 school year****

Course #: 90002

Length of Course: Full Year

Grade Level(s): Grades 10-12

Number of Credits: 5

Description of Course: World Cuisine allows students to become familiar with the traditions, culture and food habits of many regions and nations, including our own. Students choose and prepare meals authentic to several countries. At an advanced culinary level, students select recipes, work with lab partners and learn more complex culinary techniques. Students increase their food preparation skills.

Prerequisite(s): Passing grade in Culinary Arts

Course Name: Woodworking I

Course #: 90010

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Woodworking I is a hands on project based class that will guide students through the basic hand and power tools used to create wood products. The course also focuses on the ability to create accurate plans for the design of a wood product. Students will learn hand sketching skills as well as CAD software. Each marking period students design a product based on the new type of joinery and equipment taught during the previously assigned project.

Prerequisite(s): None

Course Name: Woodworking II

Course #: 90011

Length of Course: Full Year

Grade Level(s): 10-12th

Number of Credits: 5

Description of Course: Woodworking II focuses on shaker style furniture. During the class student will make various shaker style furniture such as tables, cabinets, and chairs etc. Students will also learn advanced woodworking techniques and joinery. Students learn how to make jigs and fixtures to aid in the production of wood products. As a Level II course, there is more freedom in project selection and designing than in the previous level.

Prerequisite(s): Passing grade in Woodworking I

Course Name: Web Design

Course #: 81001

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: In today's world, web pages are the most common medium for sharing ideas and information. Learning to design websites is an incredibly useful skill for any career path. Using the CodeHS Web Design project-based course, students learn how to build their own web pages. Students will learn the languages HTML and CSS, and will create their own live homepages to serve as portfolios of their creations. By the end of this course, students will be able to explain how web pages are developed and viewed on the Internet, analyze and fix errors in existing websites, and create their very own multi page websites. Students will learn the foundations of user interface design, rapid prototyping and user testing, and will work together to create professional, mobile responsive websites.

Prerequisite(s): None

Course Name: STEM - 8

Course #: 78012

Length of Course: Half Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: During the STEM course students will engage in hands-on learning. Students will learn the basics of CAD modeling and use 3D printers to print solutions to real-life problems. Students will explore the areas of manufacturing, transportation, construction, and communication technology. Students will learn to use the engineering design process to approach technical problems.

Prerequisite(s): None

Course Name: Engineering Design I

Course #: 90071

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: This course is highly recommended for students considering careers in any field of engineering. The following areas will be explored during this year-long course: sketching, orthographic and isometric drawing, sectioning, revolutions, auxiliary views, mechanisms, pictorial and working drawings, surface developments, and modeling. Students will develop fundamental skills through hand sketching and the use of a Computer Aided Drafting and Design (CADD) program. Students will master the implementation of the engineering design process to create solutions to real world problems. Student will utilize 3D printers in the development of their solutions as well as shop equipment and tools.

Prerequisite(s): None

Course Name: Engineering Design II

Course #: 90072

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: In Engineering Design II, students will continue to advance their skills using 3D modeling software to design solutions. Students will also learn how to run simulations on their models to determine the stress points and part interference within the design. Students will have the opportunity to do some software and electrical engineering through the use of Arduino boards and circuits. Additionally, students will participate in a real world design challenge that offers a prize to the winner, the challenge changes yearly.

Prerequisite(s): Passing grade in Engineering I

Course Name: Introduction to Computer Science

Course #: 81002

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: The computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem solving skills. Once students complete the CodeHS Introduction to Computer Science course, they will have learned material equivalent to a semester college introductory course in Computer Science and be able to program in JavaScript. Students will be able to use the programming skills they have learned throughout the year to create a video game call breakout by the time the year is done.

Prerequisite(s): None

Course Name: Sports Marketing

Course #: 80003

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Sports Marketing is a full year academic elective survey course for students in grades nine through twelve. This course will expose the students to the field with emphasis on the marketing activities of the sports and entertainment fields. As a part of their coursework, the students will work cooperatively in small groups to develop marketing plans for products they will develop for the school's sports teams. This course is designed to have students learn about the different areas of marketing and then use technology such as the Internet to find examples of each type of marketing. They will track how a marketing campaign is developed, implemented, and how the results are measured. After an initial introduction, we will discuss the areas of amateur and professional sports marketing efforts, the impact of the public image of the team or individual, and the different methods of marketing that are used in the entertainment industry

Prerequisite(s): None

Course Name: Careers and Wellness

Course #: 65100

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Course Description: Introduction to Careers in Wellness is an optional course designed for students considering a career in health and exercise science. Each marking period students target specific areas pertaining to leadership, coaching, athletic and personal training, and Physical Education sciences. This course will provide 21st century skills related to careers in wellness through leadership opportunities, peer-collaboration, practicums, and mentoring. During the first marking period, students participate in and create field and strategic games. Students will engage in game-play and will be assigned management roles. In the second marking period, students focus on the role of an athletic trainer and acquire basic skills necessary to enter related career fields. Students will work side-by-side and be mentored by South Hunterdon's athletic trainer. For the third marking period, students take a personal trainer class and will get up-to-date practices in the wellness environment via the use of technology to support health and understand body measurement with goal setting. The fourth marking period, students work on coaching and leadership. Through presenters and a coaching practicum, students will get valuable first-hand knowledge from in-house mentors.

Prerequisite(s): None

Course Name: Principles of Animal Science

Course #: 30060

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: This course is a general introduction to the animal science concepts of nutrition, reproduction, management and marketing of animals for production. Students will perform experiments and work on major problems and projects

similar to those that industry specialists, such as veterinarians, zoologists, and livestock producers are working on. Topics to be covered include: animal anatomy, physiology, behavior, nutrition, breeding, health, selection, and marketing. Classroom and laboratory instruction, supervised agricultural experience projects and FFA will be incorporated into this course. *Please see FFA description at the end of this section. **This course is eligible for Articulated College Credit; please see Mrs. Hayes or your Guidance Counselor for more information.

Prerequisite(s): Agricultural Technology and Introduction to Agriculture, Food and Natural Resources

Course Name: Principles of Plant Science

Course #: 30061

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Course Description: This course will allow students to discover the value of plant production and its impact on the individual, local, and global economy. Students will have the opportunity to develop horticultural skills and practice science techniques in a hands-on learning environment. Topics covered in this class include: soils, hydroponics, plant anatomy and physiology, plant propagation, study of plant pests and diseases, crop production and marketing. Classroom and laboratory instruction, supervised agricultural experience projects and FFA will be incorporated into this course. *Please see FFA description at the end of this section. **This course is eligible for Articulated College Credit; please see Mrs. Hayes or your Guidance Counselor for more information.

Prerequisite(s): Agricultural Technology and Introduction to Agriculture, Food and Natural Resources

Course Name: Principles of Food Science and Safety

Course #: 60064

Length of Course: Full Year

Grade Level(s): Preference to 11-12

Number of Credits: 5

Course Description: This course is designed to teach students about the ever evolving food science industry. Concepts of food safety, composition, chemistry, processing, and marketing will be discussed. Students will participate in both research and lab procedures that involve cooking skills and an understanding of complex science concepts. Students will participate in a hands-on, student directed learning environment where they will be able to apply the skills they have developed in other science, math and writing classes throughout their school career. Classroom and laboratory instruction, supervised agricultural experience projects and FFA will be incorporated into this course. *Please see FFA description at the end of this section. **This course is eligible for Articulated College Credit; please see Mrs. Hayes or your Guidance Counselor for more information.

Prerequisite(s): 85% or better in Principles of Plant Science or Animal Science or Biology

Course Name: Animal and Plant Biotechnology

Course #: 30063

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Course Description: The specialized agriculture science course utilizes the student-centered and inquiry based CASE (curriculum of Agriculture Science Education) curriculum model. This rigorous STEM-infused laboratory science course emphasizes biotechnology concepts where students will become proficient at projects involving micro-pipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reactions. Research and experimental design will be highlighted. Classroom and laboratory instruction, supervised agricultural experience projects and FFA will be incorporated into this course. *Please see FFA description at the end of this section. This course is eligible for Articulated College Credit, please see Mrs. Hayes or your Guidance Counselor for more information.

Prerequisite(s): 85% or better in Principles of Plant Science or Animal Science or Biology

Course Name: Introduction to Agriculture, Food and Natural Resources

Course #: 78015

Length of Course: Full Year

Grade Level(s): 9-10

Number of Credits: 5

Course Description: This course is designed to give students an overview of the agriculture industry in which we all rely on here in the United States and abroad. The importance, impact and diversity of the industry will be discussed. Students will examine the plant, animal, food, and natural resource sectors of agriculture and explore FFA and career opportunities within the industry. Students will be encouraged to participate in a hands-on learning environment that is predominately project and problem based. Students will also participate in the local, state and national activities of the National FFA Organization through the South Hunterdon Middle School FFA Chapter. *Please see FFA description at the end of this section.

Prerequisite(s): None

Course Name: Exploring Agriculture (formerly called Agriculture Technology)

Course #: 77910

Length of Course: Semester

Grade Level(s): 7

Number of Credits: N/A

Course Description: This course is offered to all 7th graders as part of the specials rotation. Students will gain insight to the agriculture industry, as well as, practice their public speaking and other interpersonal skills through classroom instruction and the FFA. Students will have an opportunity to participate in local, state and national activities of the National FFA Organization through the South Hunterdon Middle School FFA Chapter.

*Please see FFA description at the end of this section.

Prerequisite(s): 7th Grade Placement

***FFA Description:** *The National FFA Organization is one of the country's largest youth organizations with more than 500,000 members Nationwide. FFA functions as part of a school's agricultural education program where members prepare for careers in the science, business and technology of agriculture and beyond. The skills acquired through an FFA membership include but are not limited to leadership and teamwork, time management, public speaking, resume writing, job interviewing and industry specific skills in all areas of interest. FFA is not just for farmers anymore. FFA is for leaders and thinkers who want to have a positive impact on their school and community and prepare for successful careers in any industry.*

Visual & Performing Arts/Fine Arts

The Visual and Performing Arts are a critical component of the overall educational process. The Arts provide unique and vitally important ways of understanding and communicating in the world. Skills acquired through arts education have unlimited applications in other fields of study and include the areas of critical thinking and workplace readiness. Intelligence necessary for high achievement in a multitude of academic disciplines are developed through arts education.

South Hunterdon Regional School District offers courses in art and music to achieve three purposes: 1) to encourage skill development, technical mastery and performance excellence in specific arts areas, 2) to provide cultural enrichment, aesthetic awareness and the ability to critically evaluate works of art as producers and consumers, and 3) to fully develop intelligence that is valuable and necessary to succeed in post-secondary education and individual vocational choices.

Course Name: Art I

Course #: 70001

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Art I is an introductory level course offered to students who wish to take art for personal interest or who intend to pursue a career in the arts. Throughout the year, students will explore the principles and elements of design and composition across a variety of media. Subjects covered include drawing, painting, ceramics, and non-ceramic sculpture. Each unit of study includes art history, proper use of tools and techniques and project work that build students' creativity and critical thinking skills. This elective can be used to fulfill the fine or performing arts requirement for graduation.

Prerequisite(s): None

Course Name: Art II

Course #: 70002

Length of Course: Full year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This course involves work on a more advanced level in painting, graphics, silk screening and “stop motion animation” as well as the elements of design and composition. The emphasis is on the development of skills and creative thinking.

Prerequisite(s): Passing grade in Art I

Course Name: Art III

Course #: 70003

Length of Course: Full year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: This course is for the student who has a serious interest in art. The emphasis is on individual expression and experimentation. The student is encouraged to work with a group as well as independently with the direction of his/her work being decided by the student and the teacher. Art history is covered on this level in conjunction with the work being done. Students will explore advanced techniques in painting (oil painting) and sculpture as well as learn figure drawing.

Prerequisite(s): Passing grade in both Art I and Art II

Course Name: Art IV

Course #: 70004

Length of Course: Full year

Grade Level(s): 12

Number of Credits: 5

Description of Course: This course enables highly motivated students to explore the goal of art as a career option. The emphasis in IV will be to develop and refine those skills learned in the previous art classes as well as introduce and develop new concepts associated with an individual interpretation theme. This course provides students with an awareness of post-secondary options in art and helps them construct a presentable portfolio for students at the college level. All students enrolling in the course will be asked to exhibit their artwork and submit an artist’s statement at the completion of the course. Students will also be expected to submit a copy of their assembled art portfolio at the completion of this course.

Prerequisite(s): Passing grade in Art I, Art II, and Art III

Course Name: Drama I

Course #: 10070

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Drama I is an engaging, creative, hands-on class designed for students interested in playwriting, acting, directing, dance, and stage-craft. Members of

the class function as a theatre ensemble, learning by doing and by working together to solve problems on and off stage. This is an especially effective class for students who wish to overcome fear of public speaking.

Prerequisite(s): N/A

Course Name: Drama II

Course #: 10073

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Drama II is an advanced, hands-on continuation of Drama I, designed for students interested in playwriting, acting, directing, dance, and stage-craft. Members of the class function as a theatre ensemble, learning by doing and by working together to solve problems on and off stage. Drama II classes often present a play to the student body during the school day, so this is an excellent chance to rehearse and perform a play even if you have no time to do so after school hours!

Prerequisite(s): Passing grade in Drama I

Course Name: Band (Concert Band)

Course #: 70010

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Band development is a planned progression from the elementary and Middle School band. Sound rehearsal techniques and procedures are ongoing processes that lead to the individual development of each student's performance and general musical knowledge. The repertoire is varied and standard literature is studied and performed. The emphasis will be on good tone production, balance, technical facility and musicianship. Students in this class are eligible to play in the various ensembles, which are part of the music program. The senior high band will meet on a daily basis.

Prerequisite(s): 1 year Middle School Band or audition. Please note: all ninth graders performing in the Concert Band should enroll in the Concert Band class.

Course Name: Mixed Chorus

Course #: 70020

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Students will sing in 4 or more parts. Rhythmic and melodic sight-reading in all keys will be covered. Vocal technique will be stressed as students learn classical and world folk music repertoire. Vocal solo opportunities will be afforded to students as well as accompaniment on the piano. Students must take a least one year of Mixed Chorus class to be eligible to audition for the Vocal Ensemble which is a co-curricular group which meets after school. Mixed Chorus students may also audition for

the Regional and NJ All State Choruses. Evening concerts are mandatory as well as rehearsals during unit lunch.

Prerequisite(s): Auditions with the teacher

Course Name: Music Theory & History of Jazz

Course #: 70032

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: The course studies the fundamental elements of music, melody, harmony, texture, rhythm, and form, to promote fluency and quickness with basic music materials. Students will analyze notated examples; to the development and acquisition of aural (listening) skills, sight singing, and keyboard harmony; and to part writing and harmonization. The emphasis of the course is on skills and concepts related to the system of major-minor tonality, and may include a brief introduction to twentieth century techniques and terminology. Finally, students develop a unique melding of intellect, discipline and creativity that is integral to the development of musicianship.

Prerequisites: None

Course Name: Introduction to Music & History of Jazz Elective

Course #: 70031

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Introduction to Music engages and explores the basic elements of the major forms of and the developments in Western Music. The course will be a survey of music throughout the history of Western European music over the centuries. Fine Arts, philosophy, literature and other arts relationship inform the exploration and recreation of the changes in the music studied. Students will be able to hear the social, cultural, and historical context represented in the music. The History of Jazz course is a comprehensive study of jazz styles from early New Orleans and ragtime through swing, be-bop, and modern jazz. The course will highlight individual musicians that were influential in the development of jazz and the social climate that affected its role in American society.

Prerequisites: None

Course Name: Music – Grade 8

Course #: 78011

Length of Course: 7 weeks

Grade Level(s): 8

Number of Credits: N/A

Description of Course: Students will study musical styles, compositional techniques, improvisation and music of different cultures and historical periods. Emphasis is placed on analysis, evaluation and critical thinking.

Prerequisites: 8th grade placement

Course Name: Middle School Band

Course #: 73000

Length of Course: Full Year

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: Students will learn to function in a musical ensemble. Basic posture, breathing, and playing technique will be practiced. Blend and balance within a musical group is refined and a variety of instrumental styles are introduced. The class will perform at the school's winter and spring concerts and in elementary schools. The class will meet 2 to 3 times per week.

Prerequisites: Audition by teacher for placement

Course Name: Music – Grade 7

Course #: 77005

Length of Course: 7 weeks

Grade Level(s): 7

Number of Credits: N/A

Description of Course: This course will be divided into 4 units of study. The first explores the voice – its physiology, the ranges of speaking and singing, and the adolescent changing voice. A group vocal composition is a final performance project. A unit on rhythm includes dictation and composition using sixteenth and eighth note patterns. This unit ends in students composing and performing dances in various musical forms such as rondo, ABA, canon. Students will learn to recognize the structure of the 12 bar blues form and compose their own verses.

Prerequisites: 7th grade placement

Course Name: Middle School Chorus

Course #: 73001

Length of Course: Full Year

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: Students will sing in three and four parts and will learn the basic ear training techniques to sing harmony independently. Basic posture, breathing and elementary sight-reading techniques will be introduced. The class will perform at the school's winter and spring concerts and in elementary schools. Class will meet two to three times per week

Prerequisites: Audition by teacher for voice placement

Electives

Course Name: Middle School Enrichment

Course #: 72111

Length of Course: Half Year 7, Half Year 8

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: Gifted Seminar is an enrichment opportunity for students to explore and develop interests in a variety of subjects. Students will explore the nature of moral development, the history and development of the fairytale, as well as what it means to be a teen in today's fast-paced society. All students in grade 7 will be tested for participation in Gifted Seminar. Selected students MUST meet criteria set forth on the Middle School Gifted Seminar Identification Matrix.

Prerequisite(s): Must qualify via district testing standards

Course Name: Creative Writing: Focus on Film

Course #: 10031

Length of Course: Half Year

Grade Level(s): 11-12

Number of Credits: 2.5

Description of Course: While the writing process is the furthest thing from our minds while we are enjoying the latest blockbuster, there is an unseen world of preparation that leads to the creation of these popular films. This course will center on the writing and revision aspect of human communication. In this class we will explore the discovery and creative process of meaning making via the writing and production of original works. Though the class will focus on the writing and revision process, we will also publish our writings using visual media. Film production and techniques will be discussed.

Prerequisite(s): Typically paired with Film as Literature but not a requirement

Course Name: Film as Literature: An analytical approach to experiencing innovative and independent films

Course #: 10032

Length of Course: Half Year

Grade Level(s): 11-12

Number of Credits: 2.5

Description of Course: This course will look at film as an art rather than simple entertainment. Students will view and analyze films from *Citizen Kane* (Orson Welles) and *Psycho* (Alfred Hitchcock) to *Star Wars* (George Lucas) and more modern independent films such as *Central Station* (Walter Salles) and *Garden State* (Zach Braff). In this semester course students will write reaction papers and literary analysis of the films viewed in class. In addition to discussion and writing based assignments, students will watch interviews with directors, writers and actors about the artistic elements of the films viewed in class. In this upper level English elective, students will write on a regular basis in a variety of styles and for a variety of purposes.

Prerequisite(s): Typically paired with Creative Writing: Focus on Film, but not a requirement

Course Name: Journalism I

Course #: 10040

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: Journalism I is an introduction to journalism and a “hands-on” workshop designed to produce our school newspaper. Students interested in writing, reporting, design and photography are encouraged to enroll.

Prerequisite(s): Grade of at least a B in English class, 500 word journalistic writing sample due mid-summer and summer work to be completed prior to the start of the school year

Course Name: Journalism II and Journalism III

Course #: TBD

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: Journalism II/III is an introduction to leadership/editorial work for advanced students interested in leading the team that creates the school newspaper. After a selection process tailored to each year’s particular class make-up, advisors will choose and guide student editors and will assign leadership positions to those students taking journalism for a second or third year. These class leaders will create work flow schedules and deadlines, oversee staffers, assign stories, and more. This is a “hands-on” workshop designed to produce our school newspaper. Students who demonstrate strong abilities and interest in writing, reporting, design and photography are encouraged to sign up. This advanced class is open to anyone in grades 11 through 12.

Prerequisite(s): Passing grade in Journalism I and a minimum of a B average in English class, other selection processes TBD at the start of the class will help advisors to choose editors and other leaders (e.g. interview, teacher recommendation, sample writing), 500 word journalistic writing sample due mid-summer and summer work to be completed prior to the start of the school year

Course Name: American Legal Procedure

Course #: 40012

Length of Course: Semester (Law and the Consumer will be taken the second half of the same year)

Grade Level(s): 9-12

Number of Credits: 2.5

Description of Course: This course will introduce and define the American legal process in relationship to the student’s rights and responsibilities as a worker and citizen in today’s society. In criminal law, law of torts, federal and state courts, the operation and procedures of our judicial system and particularly the juvenile justice system, the students will also be made aware of the many career opportunities available to them.

Prerequisite(s): None

Course Name: Law and the Consumer

Course #: 40013

Length of Course: Semester (American Legal Procedure will be taken the second half of the same year)

Grade Level(s): 9-12

Number of Credits: 2.5

Description of Course: The student will become aware of their legal rights and legal duties as consumers in today's complex marketplace. The course will deal specifically with practical consumer situations such as: consumer protection laws, warranties, truth in lending and truth in advertising. It will develop understanding in other personal consumer situations such as: credit, banking insurance, buying and renting as dwellings, taxes, budgeting, and marriage and divorce laws, as well as laws dealing with wills.

Prerequisite(s): None

Course Name: Creative Writing

Course #: 10072

Length of Course: Full year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: In this course, students will create original works of poetry, fiction, memoir, and more. Students will hone their skills through daily writing exercises and sustained cycles of revision. Frequent workshops will provide students opportunities to give and receive constructive criticism about their writing on a regular basis. At the end of the course, students will submit a final portfolio of their work in one of the aforementioned genres.

Prerequisite(s): None

Course Name: Graphic Novels

Course #: 10071

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: This course is designed to introduce students to the colorful, complex world of comics and graphic novels. In this course, students will read and analyze graphic novels as works of literature while also learning to appreciate the unique qualities of the medium. Thematic units range from autobiography (*Persepolis*) to the fragile humanity of the superhero (*Watchmen*). The units will also run the artistic gamut from silent woodcuts (Lynd Ward) to poetic, layered arrangements of words and images (Dave McKean). Students will critique the various works through scene breakdowns, analytical papers, and presentations.

Prerequisite(s): None

Course Name: Sociology

Course #: 40020

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This full-year course will help our students understand social order and social behavior. Some of the topics that will be discussed include, but are not limited to, culture, socialization, deviance and crime, class and stratification, race and ethnicity, inequality based on age, education, and social change. These topics will be discussed through the sociological perspective – offering explanations on what people do and why. This course will allow the students to think critically about the world around them through various resources ranging from film and computer technology to primary sources and documents. The course will also enable students to do further research in a sociological area of interest.

Prerequisite(s): None

Course Name: Supplemental Study Skills (OCR Class)

Course #: 10025

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Students will explore units designed to help them achieve academic success. These units will be tailored to the individual's needs and include, but are not limited to: knowing themselves as a learner, organization skills, active learning habits, self-advocacy, note and test taking, reading and studying strategies, memory development and transition issues. Students improve their organization, studying and work habits, which will enable them to enhance their academic abilities and develop skills to become lifelong learners and informed decision makers. Students receive individualized assistance for: organizational support, clarification of assignments, and assignment modification as necessary. This course is self-paced, so each student will need to work hard and be very organized.

Prerequisite(s): Teacher recommendation

Course Name: Anatomy & Physiology – Honors

Course #: 30042

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: This course is an advanced course in the study of the human body. The course focuses on the major body systems with emphasis on nutrition, exercise physiology, the brain and senses, and developments and applications in the field of genetics and biotechnology. A variety of laboratory procedures will be conducted in order for students to develop standard laboratory skills that are used in the biotechnology field. This course is geared toward the student who is considering a possible career in the health care/medical field. Students will gain an understanding and working knowledge of the human body. Animal dissections will be a part of the laboratory portion of course.

Prerequisites: Passing grades in Biology and Chemistry OR currently enrolled in Chemistry

Course Name: Marine Biology

Course #: 30014

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course:

Course Description: Marine biology is an introductory college level course in marine science for students interested in pursuing this area of study in college or just to gain an understanding of the marine environment. Topics will include: physical oceanography, meteorology, marine biodiversity, biology of marine mammals, marine environments, and marine communities around the world. Students will work together to investigate specific topics in the field of marine biology and present their findings in a discussion setting. In addition, attendance on field trips to important marine environments in New Jersey will be required.

Prerequisite(s): Passing grade in Biology