

# **South Hunterdon Regional**



## **School District**

**2022-2023**

## **Program of Studies**

**Grades 7-12**

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**\*This document is reviewed/updated on an annual basis**

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## **Mission Statement (7<sup>th</sup>-12<sup>th</sup>)**

The South Hunterdon Regional School District includes a close-knit 7<sup>th</sup>-12<sup>th</sup> 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 transform their diverse and dynamic world.

## **Belief Statements**

At South Hunterdon Regional School District, we believe:

- All members of our community are learners.
- A safe and secure learning environment is the right and responsibility of all.
- 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.
- 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 respect for 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.
- 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. To identify coordinators of compliance, [click here](#).

## Financial Assistance/Fee Waivers

It is the intent of the Board that no student is denied the right to participate due to the inability to pay. Should you need an exemption, please contact your building principal who will review your situation and make a determination based on your eligibility for Free & Reduced Lunch. This matter will be held confidential.

## Counseling Vision Statement

The overarching goal of the South Hunterdon Regional Middle/High School Counseling Program is to support all students' overall development: academic, social-emotional, and personal. We are advocates for students as they navigate their world and gain necessary academic and life skills, and develop healthy relationships with self and others. Additionally, through the exploration of postsecondary options and the regular setting of academic and personal goals, we guide students toward an independent future as productive members of our global society. Our curriculum is aligned with the American School Counselor Association (ASCA) National model, which offers a comprehensive framework of best practice in meeting the needs of all students. At the high school level, counselors first meet students when they arrive at South Hunterdon as freshmen. The same counselor will guide these students through the next four years of their high school experience, advising on academic curriculum and course selection, and assisting in overall development.

## Scheduling Questions

Events to assist families in planning for students beyond high school (i.e. financial aid information, college fair(s), college planning, etc.) will be held throughout the school year for parents/guardians and students. All families are welcome to attend. The school counselors at both the Middle and the High School will meet individually with students and/or parents/guardians to develop schedules for each following school year. Questions regarding scheduling should be directed to the appropriate counselor.

## College Planning

Most colleges require the following:

<b>English:</b>	4 years
<b>Math:</b>	3 years
<b>Laboratory Science:</b>	3 years (some colleges require or recommend 4 years)
<b>Social Studies/History:</b>	3 years (some colleges require or recommend 4 years)
<b>World Language:</b>	2 consecutive years of the same language at a minimum (some colleges require or recommend 3 or 4 years of a world language)

Colleges differ greatly 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, parents/guardians, and school counselors should partner together in planning each student's coursework selections with college or university and/or career goals 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. College and career services are held throughout the year to assist students and families with the planning process.

## Considerations for Selecting a College/University

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:

<b>Content Area</b>	<b>Minimum Credits</b>	<b>Additional Information</b>
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 (or equivalent)
Health, Safety, & Physical Education	20	Must be enrolled in a full year of Health, Safety & Physical Education course each year in attendance at SHRSB
World Languages	5	Must complete 1 full year of Spanish OR French
Financial, Economic Business, and	2.5	Must complete a half-year course in Financial

Entrepreneurial Literacy		Literacy OR Economics
Visual and Performing Arts/Fine Arts	5	List of approved courses found in this Program of Studies
21 <sup>st</sup> 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**

All students are highly encouraged to complete community service hours. SHRSB is a vital component of the communities that it serves and is dedicated to the progression of a community-minded citizenry. It is recommended that students keep track of their experiences when preparing for college. Students looking to apply to highly competitive colleges/ universities are encouraged to apply for opportunities above and beyond 15 hours of community service.

## **New Jersey State Assessments**

All mandated assessments, set forth by the State of New Jersey, must be satisfied by students in order to meet graduation requirements. Parents/Guardians and students will be notified on an annual basis of the type, content area, and dates of standardized assessments given during the school year.

## **Attendance & Loss of Credit**

All students must meet the requirements outlined in the district Attendance Policy (Policy #5200). Please know that incomplete assignments must be handed in no later than two school days for each day absent. Prolonged or repeated absences from school or a class may result in retention at that grade level and/or loss of credit for that course. Students who are absent nine (9) or more classes during a full year course or five (5) or more classes during a half-year course may be removed, denied credit, and/or required to repeat the course. Students late or dismissed early for two (2) classes may 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 his/her transcript. Parents/Guardians will be notified of their child's loss of credit.

## **Add/Drop Course(s) Period**

Prior to the start of the school year, only requests for changes related to unscheduled blocks, prerequisite sequencing errors, or incorrect level placement will be considered. The deadline for submitting scheduling requests to your School Counselor is no later than ten (10) days prior to the first day of the school year.

Once the school year has begun, should a student request 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). Requests must be made in writing explaining the reason. The request must be signed and agreed upon by the student, parent/guardian, teacher(s), and

school counselor.

## Course Withdrawals

A course withdrawal occurs when a student drops a course outside of the “Add/Drop” period. A student who withdraws from a course after the course drop deadline will be removed from the class roster. 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. Written documentation 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.

## Honor Roll

The Honor Roll is compiled at the end of each marking period. A student must take a minimum of **30 credits** (in grades 9-12) to be eligible for the Honor Roll. The 7-12 grade Honor Roll requirements are as follows:

- Distinguished – Grades of A- or above and/or P/O/Ss in all subjects
- Meritorious – Grades of B- or above and/or P/O/Ss in all subjects

## Course Level Waivers

Course recommendations are based on student performance, assessment data, and prerequisite courses. Students requesting consideration for courses outside their recommended program may apply for a course waiver. Waiver applications will include a parent/guardian meeting with the student’s guidance counselor. Once a waiver request is approved and a student is enrolled in the requested course, no further changes will be made. Requests for course waivers must be submitted prior to the start of the school year.

## 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. Students who choose to enroll in three (3) or more Advanced Placement (AP) courses in one school year may request a Study Block during that same school year. In order to demonstrate a high level of rigor and to be competitive when applying to colleges/universities, Study Blocks are not recommended. However, if granted, 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.

## Seal of Biliteracy

The New Jersey Seal of Biliteracy is an acknowledgment by the New Jersey Department of



Education that a student has achieved mastery of two or more languages. It encourages students to pursue biliteracy, honors the skills they attain, and provides evidence of skills that are attractive to future employers and college admissions offices. Interested students must sit for a state-approved language proficiency exam on which they achieve the Intermediate Mid-level according to the American Council on the Teaching of Foreign Languages' Proficiency Guidelines. They also must demonstrate English proficiency by meeting the New Jersey English Language Arts graduation requirement or the appropriate cut score on the ACCESS for English Language Learners. Information and an application to participate is distributed to juniors and seniors in the fall by their world language teacher(s) or school counselor(s). Further information may be found on the NJDOE's official Biliteracy Seal webpage.

## **Placement Testing**

Placement tests are used to measure student knowledge and performance along the program continuum for the purposes of determining the course for which that student should register. The following students may participate in placement testing:

- Students new to the district or to the program whose placement needs to be determined;
- Students new to the district who have met honors course requirements in another school and who wish to continue in honors at SHRS.

## **Proficiency Testing - World Languages**

Language proficiency tests are used to assess student skills at various stages of their world language education. These tests reflect language structure mastery and vocabulary development as assessed on unit and final exams for various courses offered by the department and measure student proficiency in reading, writing, speaking and listening. Students wishing to study a language with which they have extensive experience in an immersion setting, or of which they are a native or heritage speaker must participate in the proficiency testing.

\*Note: Summer and online courses traditionally do not cover the curriculum in as much depth as a full-year course. Therefore, although summer or online courses are good for enrichment, they are not recommended as a replacement for a full-year world language course.

## **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 and collected in the fall of that school year.

Due to the rigor and demands of the AP curricula, some courses require additional instructional time. Specifically, some AP courses may require students to attend virtual sessions outside of 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.

## Dual Enrollment Course Offerings

SHRSD has partnered with Seton Hall University to offer dual enrollment courses within our English department. This dual enrollment offering allows qualified high school students the opportunity to take college-level courses and earn college credits while still in high school. Through dual enrollment, students will receive an early start on their college career, while saving money on the cost of a college education. Students will need to pay a per credit fee (\$100/credit) to obtain actual college credit, which is based upon progress throughout the course and course grade as opposed to a single score on a standardized examination. SHRSD is proud to have partnered with Seton Hall University to offer the following opportunities:

SHRSD Department	SHRSD Course # / Name	Seton Hall University Course # / Name	Number of College Credits	Minimum Passing Grade to Earn Credits	Anticipated Tuition Cost	College Course Eligibility
English	#10124 / AP Language & Composition	ENGL1201-POH / Core English I	3	C	\$300	This dual enrollment course is available to students eligible for SHR's AP Language & Composition course
English	#10123 / AP Literature & Composition	ENGL1201-POU / Core English I	3	C	\$300	This dual enrollment course is available to students eligible for SHR's AP grading scale Literature & Composition course

\*Students with financial needs should refer to the ["Financial Assistance/Fee Waiver" section](#) of this document.

## Grading Scale (7th-9th)

Letter	Percentage	Grade Point
A+	97 – 100	4.0
A	93 – 96	4.0
A-	90 – 92	3.7
B+	87 – 89	3.3

<b>B</b>	83 – 86	3.0
<b>B-</b>	80 – 82	2.7
<b>C+</b>	77 – 79	2.3
<b>C</b>	73 – 76	2.0
<b>C-</b>	70 – 72	1.7
<b>D+</b>	67 – 69	1.3
<b>D</b>	65 – 66	1.0
<b>F</b>	Below 65	0.0

### Grading Scale (10th-12th)

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

### Incomplete Grades

Within any given marking period, students may receive an Incomplete (INC) for various reasons. Students who receive an Incomplete at the end of the marking period will have two weeks to complete outstanding assignments in order to calculate an overall marking period grade. If the incomplete assignments are not handed in within the two week timeframe, the grade for the incomplete work will be calculated as a zero.

### 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:

<b>Example:</b>	<b>MS Full Year</b>	<b>HS Full Year</b>
1st marking period	25%	23%
2nd marking period	25%	23%

<b>Example:</b>	<b>HS ½ Year</b>
1 <sup>st</sup> or 3 <sup>rd</sup> marking period	46%
2 <sup>nd</sup> or 4 <sup>th</sup> marking period	46%

3rd marking period	25%	23%
4th marking period	25%	23%
Final Exam	N/A	8%

Final Exam	8%
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\*Seniors who earn A's all four marking periods will **not** be required to take a final exam and each marking period grade will equate to 25% of their overall course grade.

## Weighted Grade Point Average (WGPA) - 9th Grade

- 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 three 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.

Standard/CP Level Courses	Weight Category 1 0.5 added to GPA	Weight Category 2 1.0 added to GPA
-English (9-12) CP	-English (9-12) Honors	-AP English Lit & Comp -AP English Lang & Comp
-Algebra I CP -Algebra II CP -Geometry CP -Elements of Precalculus	-Algebra II Honors -Geometry Honors -Precalculus Honors -Calculus Honors	-AP Calculus -AP Statistics
-Biology CP -Chemistry CP -Environmental Science CP -Physics CP	-Biology Honors -Chemistry Honors -Environmental Science Honors -Physics Honors -Anatomy & Physiology Honors	-AP Biology -AP Chemistry -AP Environmental Science
-World History CP -US History I CP -US History II CP -Modern US History (1960s-Present)	-World History Honors -US History I Honors/Pre-AP -US History II Honors	-AP US History
-Spanish I CP -French I CP -Spanish II CP -French II CP	-Spanish III Honors -French III Honors -Spanish IV Honors -French IV Honors	-AP Spanish Language & Culture -AP French Language & Culture
-Physical Education -Health -Driver's Education		
-Financial, Economic Business, and Entrepreneurial Literacy		
-Visual and Performing Arts Classes/Fine Arts		-AP Studio Art
-21 <sup>st</sup> Century Life and Careers or Career-Technical Education/Practical Arts		
-All Polytech Courses		

## Weighted Grade Point Average (WGPA) - 10th-12th Grade

- 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 three 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.

<b>Weight Category 1 0.5 added to GPA</b>	<b>Weight Category 2 1.0 added to GPA</b>	<b>Weight Category 3 2.0 added to GPA</b>
-English (9-12) CP	-English (9-12) Honors	-AP English Lit & Comp -AP English Lang & Comp
-Algebra I CP -Algebra II CP -Geometry CP -Elements of Precalculus	-Algebra II Honors -Geometry Honors -Precalculus Honors -Calculus Honors	-AP Calculus -AP Statistics
-Biology CP -Chemistry CP -Environmental Science CP -Physics CP	-Biology Honors -Chemistry Honors -Environmental Science Honors -Physics Honors -Anatomy & Physiology Honors	-AP Biology -AP Chemistry -AP Environmental Science
-World History CP -US History I CP -US History II CP -Modern US History (1960s-Present)	-World History Honors -US History I Honors/Pre-AP -US History II Honors	-AP US History
-Spanish I CP -French I CP -Spanish II CP -French II CP	-Spanish III Honors -French III Honors -Spanish IV Honors -French IV Honors	-AP Spanish Language & Culture -AP French Language & Culture
-Physical Education -Health -Driver's Education		
-Financial, Economic Business, and Entrepreneurial Literacy		
-Visual and Performing Arts Classes/Fine Arts		-AP Studio Art
-21 <sup>st</sup> Century Life and Careers or Career-Technical Education/Practical Arts		
-All Polytech Courses		

## Grade Point Average (GPA) (9th)

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

Grade Equivalent	Numeric	Standard & CP	WGPA – Honors	WGPA – AP
A+	97-100	4.0	4.5	5.0
A	93-96	4.0	4.5	5.0

A-	90-92	3.7	4.2	4.7
B+	87-89	3.3	3.8	4.3
B	83-86	3.0	3.5	4.0
B-	80-82	2.7	3.2	3.7
C+	77-79	2.3	2.8	3.3
C	73-76	2.0	2.5	3.0
C-	70-72	1.7	2.2	2.7
D+	67-69	1.3	1.8	2.3
D	65-66	1.0	1.5	2.0
F	Below 65	0.0	0.0	0.0
LC - Loss of Credit (Attendance)	N/A	N/A	N/A	N/A
I - Incomplete	N/A	N/A	N/A	N/A
WP – Withdraw Passing	N/A	N/A	N/A	N/A
WF – Withdraw Failing	N/A	N/A	N/A	N/A

### Grade Point Average (GPA) (10th-12th)

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 –	N/A	N/A	N/A	N/A	N/A

Withdraw Passing					
WF – Withdraw Failing	N/A	N/A	N/A	N/A	N/A

## Grade Point Average (GPA) Calculation

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 WPGA and GPA. For CP courses, grade point equivalents increase 0.5. For Honors courses, 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 and Retention

Refer to the promotion and retention policy (#5410) for students enrolled in South Hunterdon Regional High School. Parent(s) or legal guardian(s) and students shall be regularly informed during the school year of the student's progress toward meeting promotion standards. A teacher who determines that a student's progress may not be sufficient to meet promotion standards shall notify the parent(s) or legal guardian(s), notify the student, and offer immediate consultation to the student's parent(s) or legal guardian(s). Every effort shall be made to remediate a student's deficiencies before retention is recommended. School attendance shall be a factor in the determination of a student's promotion or retention.

## Summer School Courses

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 extenuating circumstances 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, parent/guardian, and student will be held to determine approval. Approved summer courses will be at the expense of the student/family. Courses completed outside of the regular school year will not be calculated in a student's GPA.

## Supplemental & Online Courses

Students seeking supplemental or online courses, outside of this program of studies' course sequencing, including additional courses not offered at SHRSD, and/or outside of graduation requirements must submit a written request to an administrator for course approval **no later than May 15th of the current school year**. Approved online courses will be identified on the student's transcript as "online". Supplemental courses will not bear credit or weight. All supplemental course tuition and fees will be the responsibility of the student/family.

\*Students with financial needs should refer to the ["Financial Assistance/Fee Waiver" section](#) of this document.

## 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 (includes completing the 120 credit requirement),
- 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, Assessment, and Instruction to graduate early.

\*All diplomas are issued at the end of each school year



## **Parent Portal/Grade Entry**

Barring any extenuating circumstances, teachers responsible for grading assignments for any given course will enter grades in the electronic gradebook (to be accessible through the Parent Portal) within three (3) classes after the assignment was due. Parents/Guardians will be notified when mid-marking period, marking period, and final course grades are posted and are asked to review their child's grades.

## **Polytech Programs**

Polytech programs offer off campus opportunities for students to pursue career and technical education in a focused area of interest. For admission to a polytech program, students must complete a formal application process. Students interested in pursuing a polytech program should plan accordingly with their guidance counselor. In applying for a polytech program, students must consider their progress toward meeting graduation requirements. To be eligible to participate in a polytech program, students must be meeting graduation requirements as per the district's program of instruction.

The South Hunterdon Regional School District supports polytech programs by making these opportunities available to all high school students. 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. Students considering this path MUST recognize enrollment in the polytech programs may not be an option due to other needed courses for graduation at SHRSD.

## **Specialized Programs**

The district provides a full range of programs and services to all students' educational needs. Students determined to be eligible for and in need of specialized programming receive these supports and services based on their individual educational needs.

## **Home Instruction**

Students will be placed on home instruction in accordance with New Jersey Administrative Code 6A:14-4.8 and 6A:16-10.1 & 10.2

## **Eligibility for Athletics & Extracurricular Activities**

- To participate in athletics a student must have submitted a current physical reviewed by a physician, signed by the district's physician, and have completed the online registration which includes the following:
  - Concussion protocol
  - Update health information (current physical or health history update form)
  - Pay to Play
  - Athletic Code of Conduct

- Drug testing consent forms
- Media and videotaping of events
- Opioid Awareness
- NJSIAA steroid testing policy
- Sports related eye injury information
- Sudden Cardiac Death Information
- Proof of Residency Affidavit (9-12 transfer students only)
- 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), which state as follows:
  - Credits 1. To be eligible for athletic competition during the first semester (September 1 to January 31) a pupil must have passed 25% of the credits (30) required by the State of New Jersey for graduation (120), during the immediately preceding academic year. 2. To be eligible for athletic competition during the second semester (Feb. 1 to June 30), a pupil must have passed the equivalent of 12 1/2% of the credits (15) required by New Jersey for graduation (120) at the close of the preceding semester (Jan. 31). Full-year courses shall be equated as one half of the total credits to be gained for the full year to determine credits passed during the immediately preceding semester. CL 1: The NJSIAA does not establish grading policies or standards for granting credits. The local school's Board of Education has the exclusive authority to address such matters within the parameters of the State Board of Education guidelines. Therefore, the NJSIAA will not waive, either the standards set by a member school or the minimum standards set forth in Article V, Section 4.E except as provided in Section 4.F (1).

## **The 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](http://www.ncaaclearinghouse.net)

## **Co-curricular Activity Offerings**

Activities and clubs support students' cognitive and emotional development. The SHRSB requires a nonrefundable Pay to Play membership fee (\$100/student) on a yearly basis that covers a student's participation in any sport(s) and/or co-curricular activity.

\*Students with financial needs should refer to the [“Financial Assistance/Fee Waiver” section](#) of this document.

The following lists the co-curricular activities that may be offered:

<ul style="list-style-type: none"> <li>- Art Club</li> <li>- Athletes for Athletes</li> <li>- Band (Concert, Jazz, Marching)</li> <li>- Baking Club</li> <li>- Baseball</li> <li>- Basketball (Boys/Girls)</li> <li>- Bowling (Boys/Girls)</li> <li>- BIPOC Alliance</li> <li>- Cheerleading</li> <li>- Chorus (Middle School &amp; High School)</li> <li>- Computer Science Club</li> <li>- Cross Country (Boys/Girls)</li> <li>- Dance Club</li> <li>- Drama</li> <li>- Dungeons &amp; Dragons Club</li> <li>- Esports</li> <li>- Field Hockey</li> <li>- Football (High School)</li> <li>- French Honor Society</li> <li>- FFA</li> <li>- Gaming Club</li> <li>- Golf (Boys/Girls)</li> <li>- Gender and Sexuality Alliance (GSA)</li> <li>- International Thespian Society</li> <li>- Intramurals</li> </ul>	<ul style="list-style-type: none"> <li>- Key Club</li> <li>- Library Squad</li> <li>- Literary Magazine</li> <li>- Soccer (Middle School)</li> <li>- National Honor Society (Requires 3.75 GPA)</li> <li>- Night at the Nest (High School)</li> <li>- Peer Leadership</li> <li>- Recycling Club</li> <li>- Robotics (Middle School &amp; High School)</li> <li>- School Play</li> <li>- School Newspaper (<i>The Southern Eagle</i>)</li> <li>- Ski Club</li> <li>- Soccer (Boys/Girls)</li> <li>- Softball</li> <li>- Spanish Honor Society (Spanish III/IV/V)</li> <li>- Student Council</li> <li>- Talent Show</li> <li>- Track and Field (Boys/Girls)</li> <li>- Vocal Ensemble</li> <li>- Weight Training</li> <li>- Winter Track</li> <li>- Wrestling</li> <li>- Yarn Club</li> <li>- Yearbook</li> </ul>
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## **Middle School (7th/8th) Related Arts/“Specials” Rotation Courses**

<b>7<sup>th</sup> Grade</b>	<b>8<sup>th</sup> Grade</b>
Art	Art
Agricultural Leadership	Agricultural STEM
Spanish	Spanish
French	French
STEM	STEM
General Music	General Music
Leadership/Study Skills	Leadership/Study Skills
Art STEM or Band/Chorus (optional)	Art STEM or Band/Chorus (optional)
Introduction to Financial Literacy (A)	Introduction to Financial Literacy (B)
Civics	Civics

## Technology Policy

Each student in grades 7-12 is provided a technological device to be used as a means to enhance their education while at SHRS. A "1:1 Device Agreement" must be completed and submitted prior to obtaining a school-issued device. It is the student's responsibility to care for the device issued. It is strongly recommended that families take advantage of the insurance policy that can be purchased through the district. Damaged (due to any circumstance), lost, or stolen devices will be repaired or replaced at the expense of the student.

## 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 Middle/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: English Language Arts (ELA) - 7**

Course #: 10117

Length of Course: Full Year

Grade Level(s): 7

Number of Credits: N/A

Description of Course: 7th-grade ELA is designed to enhance a students' abilities to interpret literature and introduces the foundations for analytical skills. Students will engage in learning through novels and anthology selections in order to make meaningful applications of their studies. Students are expected to interpret literature and express themselves effectively in writing. Students will focus on forming opinions, and make meaningful applications of their studies. Guided Reading, Literature Circles, Writing Workshops, completion of a research assignment, and practicing of skills for participation in standardized assessments are additional course goals.

### **Course Name: English Language Arts (ELA) - 8**

Course #: 10118

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

Description of Course: 8th-grade ELA students will interpret literature and express themselves in writing. Students will focus on forming opinions, and make meaningful applications of their studies. In addition, the course expects students' to interpret multiple genres of literature and further develop analytical skills. Students will engage with novels, plays, and short stories in order to make meaningful applications of their studies. Explanatory essays, analytic essays, a personal narrative, a persuasive essay, and vocabulary quizzes serve as assessments within this course. Guided Reading, Literature Circles, Close Reading Signposts, and preparation for successful achievement in state required standardized assessments are additional course

goals.

**Course Name: Middle School Enrichment**

Course #: 72111

Length of Course: Marking Period for 7th, Marking Period for 8th

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: Middle School Enrichment is an opportunity for students to explore and develop interests in a variety of literary topics. 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 this course. Selected students MUST meet criteria set forth on the Middle School Enrichment Identification Matrix.

Prerequisite(s): Eligibility determined by district criteria

**Course Name: English 9 – CP**

\*Credits obtained count toward English graduation requirements

Course #: 10902

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5

Description of Course: English 9 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.

**Course Name: English 9 – Honors**

\*Credits obtained count toward English graduation requirements

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 English Language Arts 8, and teacher recommendation

**Course Name: English 10 – CP**

\*Credits obtained count toward English graduation requirements

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 learn by doing and by practicing various strategies for the development of critical thinking.

Prerequisite(s): Passing grade in English 9

### **Course Name: English 10 – Honors**

\*Credits obtained count toward English graduation requirements

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 learn 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 – CP**

\*Credits obtained count toward English graduation requirements

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 11 – Honors**

\*Credits obtained count toward English graduation requirements

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 – CP**

\*Credits obtained count toward English graduation requirements

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

**Course Name: English 12 - Honors**

\*Credits obtained count toward English graduation requirements

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 #: 10124

Length of Course: Full Year

\*This course is a dual enrollment course with Seton Hall University

Grade Level(s): 11

Number of Credits: 6

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

\*This course is a dual enrollment course with Seton Hall University

Grade Level(s): 12

Number of Credits: 6

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 encouraged to take in May.

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

### **Course Name: SAT Preparation & College Planning**

\*The credits earned for this course count toward Elective credits

Course #: 13000

Length of Course: Semester

Grade Level(s): 10-12

Number of Credits: 2.5

Description of Course: SAT Prep is a semester-long course that will provide students with the opportunity to prepare for the College Preparation processes. In the initial phase of this course, students will be introduced to the college process. Students will complete a College Match search that will introduce students to the different types of colleges and universities that fit their intended majors of study and career path(s). Students will use the Naviance program to organize the materials and documents needed for college admissions. Students will study for the SAT using the College Board textbook and the Khan Academy website in preparation for taking the SAT for college admission. This course is intended for Sophomores, Juniors, and Seniors that are interested in attending a college or university after graduation.

### **Course Name: Journalism I**

\*The credits earned for this course count toward Elective credits

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: Graphic Novels**

\*The credits earned for this course count toward Elective credits

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.

**Course Name: The Voices of Young Adult Literature**

\*The credits earned for this course count toward Elective credits

Course #: 10082

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: The Voices of Young Adult Literature is a course in which students will read, examine, discuss, and write about literature typically categorized as Young Adult. The contemporary texts selected for this class will be diverse in authorship, protagonists, themes, and genres, with specific attention given to the voices of those who have, in the course of history and general English classrooms, been marginalized or ignored.

**Course Name: Creative Writing**

\*The credits earned for this course count toward the Fine Art graduation requirement or Elective credits

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.

## **Mathematics**

Students are required to successfully complete **3 years of Mathematics** in grades 9 through 12. Classes are designed to build upon number sense, mathematical fluency, introduce integral mathematical concepts, and refine mathematical reasoning and problem solving skills. The following proficiencies are emphasized in all courses:

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

### **Mathematics Program Sequence**

Requirements for admission to honors level classes are listed in the “prerequisite” section of the course descriptions below.

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Algebra I CP	Geometry (CP or Honors)	Algebra II (CP or Honors)	Precalculus (Elements or CP or Honors)

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
Geometry (CP or Honors)	Algebra II (CP or Honors)	<ul style="list-style-type: none"> <li>Precalculus (Elements or CP or Honors)</li> <li>AP Statistics</li> </ul>	<ul style="list-style-type: none"> <li>Precalculus CP</li> <li>Calculus (Honors or AP)</li> <li>AP Statistics</li> </ul>

Please note: Students who complete Algebra I during their 8th grade year are positioned to take Calculus AB and/or AP Statistics their senior year of high school. Students who are interested in pursuing a more accelerated pace that may include Calculus BC should contact their school counselor with questions. Students completing Algebra I in 9th grade who aspire to take Calculus their senior year may request administrative approval to take Geometry and Algebra II concurrently in 10th grade.

### **Course Name: Math 7**

Course #: 21007

Length of Course: Full Year (daily)

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.

### **Course Name: Pre-Algebra 7**

Course #: 21117

Length of Course:

Full Year (daily)

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: Minimum grade of 80% in 6th grade Math, placement test score of 80% or higher, 75th percentile or higher on benchmark assessment(s), and a passing score on NJ state assessment in 6th grade

**Course Name: Pre-Algebra 8**

Course #: 20118

Length of Course: Full Year (daily)

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: Algebra I-8**

Course #: 21001

Length of Course: Full Year (daily)

Grade Level(s): 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 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 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): Minimum grade of 80% in Pre-Algebra 7, 75th percentile or higher on district benchmark assessment(s), and meeting state expectations on NJ's standardized assessment in 7th grade

**Course Name: Algebra I – CP**

\*This course (or the Honors level) is required and credits obtained count toward Mathematics graduation requirements

Course #: 20001

Length of Course: Full Year (daily)

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 course. 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, 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: Geometry - CP**

\*This course (or the Honors level) is required and credits obtained count toward Mathematics graduation requirements

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.

Prerequisite(s): Passing grade in Algebra I

**Course Name: Geometry – Honors**

\*This course (or the CP level) is required and credits obtained count toward Mathematics graduation requirements

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.

Prerequisite(s): Minimum grade of a 90% in Algebra I CP or an 80% in Algebra I - Honors, the recommendation of the Algebra I/Algebra I Honors teacher, and/or meeting state expectations on NJ's standardized assessment

**Course Name: Algebra II – CP**

\*Credits obtained count toward Mathematics graduation requirements

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,

ACCrational 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 Geometry CP

### **Course Name: Algebra II – Honors**

\*This course (or the CP level) is required and credits obtained count toward Mathematics graduation requirements

Course #: 20022

Length of Course: Full year

Grade Levels: 10-11

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 90% in Geometry CP or an 80% in Geometry Honors, the recommendation of the Geometry teacher, and/or meeting state expectations on NJ's standardized assessment

### **Course Name: Elements of Precalculus**

\*Credits obtained count toward Mathematics graduation requirements

Course #: 20034

Length of Course: Full Year

Grade Level(s): 11\* - 12

Number of Credits: 5

\*Eleventh grade students enrolled in this course are positioned to take Precalculus CP in their senior year.

For students who have completed Algebra I, Geometry, and Algebra II, Elements of Precalculus presents an overview of topics studied in a typical Precalculus CP class; however, it is intended for those who wish to explore these topics at a less intense rigor and pace. Topics include: an overview of functions, trigonometric functions and applications, analytical geometry, and probability. Graphing calculators are used extensively to develop concepts and provide access to more complex applications.

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

### **Course Name: Precalculus – CP**

\*Credits obtained count toward Mathematics graduation requirements

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, or a 77% (C+) or above in Elements of Precalculus

### **Course Name: Precalculus – Honors**

\*Credits obtained count toward Mathematics graduation requirements

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 Precalculus 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 score.

### **Course Name: Calculus AB – Honors**

\*Credits obtained count toward Mathematics graduation requirements

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, and 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 Precalculus - Honors or a grade of an 85% (B) or higher in Precalculus CP, and the recommendation of the Precalculus teacher

**Course Name: Calculus AB – AP**

Course #: 20033

Length of Course: Full year

Grade Levels: 11-12

Number of Credits: 6

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 Precalculus Honors and the recommendation of the Precalculus Honors teacher

**Course Name: Statistics – AP**

Course #: 20036

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 6

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 Precalculus

**Course Name: Mathematics for Business and Finance**

\*Credits obtained count toward Mathematics graduation requirements

Course #: 20044

Length of Course: Full Year

Grade Levels: 11 - 12

Number of Credits: 5

Description of Course: Mathematics for Business & Finance provides modern examples for students to understand business mathematics and make connections with real-world applications. The course covers mathematical concepts from an algebraic approach, combined with Business applications. Every chapter is devoted to a Personal Finance theme, with topics that include Payroll and the Cost of Purchasing a Home. There is also extensive integration of scientific calculator notation, and also has the Wall Street Journal and Kiplinger news clips that

are widely popular.

## Science

The New Jersey Student Learning Standards for Science enable our teachers to offer all students interactive science instruction that promotes analysis and interpretation of data, critical thinking, problem solving, and connections across science disciplines, with a high set of expectations for achievement. Scientifically literate individuals possess the knowledge and understanding of scientific concepts and processes required for personal decision-making, participation in civic and cultural affairs, and economic productivity.

(<https://www.state.nj.us/education/aps/cccs/science/>)

### **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 \***

**\*\*SHRSD strongly recommends that all students have 4 years of science classes in grades 9-12 including Biology, Chemistry and Physics.\*\***

### **Science Program Sequence**

Requirements for admission to honors and AP level classes are listed in the “prerequisite” section of the course descriptions below.

<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
Environmental Science (CP or Honors)	Biology (CP or Honors)	Chemistry <i>or</i> Physics (CP or Honors)	Any additional Science not previously taken (including APs and electives)
	<u>AP offering</u> <ul style="list-style-type: none"><li>• Environmental Science AP</li></ul>	<u>AP offerings</u> <ul style="list-style-type: none"><li>• Environmental Science AP</li><li>• Biology AP</li></ul>	
		<u>Elective offering</u> <ul style="list-style-type: none"><li>• Anatomy and Physiology Honors</li></ul>	

### **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 through a curriculum which emphasizes the general science process skills of observation, experimentation, data collection, and analysis.

### **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.

### **Course Name: Environmental Science – CP\***

\*This course counts towards the Science graduation requirement (if not taking this course at the CP or Honors level, Physics or Chemistry must be taken)

Course #: 30040

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5

Description of Course: Environmental Science introduces students to relevant environmental issues they face today as well as may face 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): N/A

**Course Name: Environmental Science – Honors\***

\*This course counts towards the Science graduation requirement (if not taking this course at the CP or Honors level, Physics or Chemistry must be taken)

Course #: 30043

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5

Description of Course: Environmental Science Honors differs from the Environmental Science CP 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.

Prerequisite(s): A grade of an 93% or higher in 8th grade Science

**Course Name: Biology – CP\***

\*Biology (CP or Honors) is a required course to meet Science graduation requirements

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 the future of medicine. These concepts will be explored via a curriculum which emphasizes the general science process skills of observation, experimentation, data collection, and analysis.

**Course Name: Biology – Honors\***

\*Biology (CP or Honors) is a required course to meet Science graduation requirements

Course #: 30012

Grade Level(s): 10

Number of Credits: 5

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: A score of 87% (B+) or higher in Environmental Science Honors OR a grade of a 90% (A-) or higher in Environmental Science CP

**Course Name: Chemistry – CP\***

\*This course counts towards the Science graduation requirement (if not taking this course at the CP or Honors level, Physics or Environmental Science must be taken)

Course #: 30021

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

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, Physics, or Environmental Science (strongly suggested that students have earned an 85% (B) or higher in Algebra II or are concurrently enrolled in Algebra II)

**Course Name: Chemistry – Honors\***

\*This course counts towards the Science graduation requirement (if not taking this course at the CP or Honors level, Physics or Environmental Science must be taken)

Course #: 30022

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: Chemistry Honors differs from the Chemistry CP 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 87% (B+) or higher in Biology Honors/Physics Honors/Environmental Science Honors OR a grade of a 90% (A-) or higher in Biology CP/Physics CP/Environmental CP (it is strongly suggested that students be concurrently enrolled in Algebra II)

**Course Name: Physics – CP\***

\*This course counts towards the Science graduation requirement (if not taking this course at the CP or Honors level, Chemistry or Environmental Science must be taken)

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.

Prerequisite(s): Successful completion of Algebra I, Environmental Science and Biology

### **Course Name: Physics – Honors\***

\*This course counts towards the Science graduation requirement (if not taking this course at the CP or Honors level, Chemistry or Environmental Science must be taken)

Course #: 30030

Grade Level(s): 11-12

Number of Credits: 5

Length of Course: Full Year

Description of Course: Physics Honors differs from the Physics CP 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 passing grade in Algebra I and concurrent enrollment in Algebra II OR a grade of 87% (B+) or higher in Biology Honors/Chemistry Honors

### **Course Name: Anatomy & Physiology – Honors\***

\*This course counts toward the Science graduation requirement as a “Lab Science” course

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 healthcare/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: Environmental Science – AP\***

\*This course counts towards the Science graduation requirement

Course #: 30044

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 6

Description of Course: College Board describes Environmental Science AP as: the equivalent

of a one-semester, introductory college course in environmental science. Students will explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. You'll take part in laboratory investigations and field work.

Prerequisite(s): A grade of an 90% or higher in Environmental Science CP or 85% or higher in Environmental Science Honors, or successful completion of 3 science classes (for the 22/23 school year)

### **Course Name: Biology – AP\***

Course #: 30013

Grade Level(s): 11-12

Number of Credits: 6

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.

### **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 Precalculus or Calculus)

## 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.

### Social Studies/History Program Sequence

9 <sup>th</sup> Grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
World History CP or Honors	US History I CP or US History I Honors/Pre-AP	US History II CP, US History II Honors, or AP US History	Any additional Social Studies/History (including electives)

#### **Course Name: Social Studies - Grade 7**

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 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.

#### **Course Name: Social Studies - Grade 8**

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 and from the perspective of various peoples. 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.

#### **Course Name: Civics Course**

Course #: 40108

Length of Course: 1 Marking Period both 7th and 8th grade year (semester in total)

Number of Credits: N/A

Grade Level(s): 7 and 8

Description of Course: This is a course of study about the values and principles underlying the American system of constitutional democracy, the function and limitations of government, and the role of a citizen in a democratic society. *This is required for all students.*

### **Course Name: World History – CP**

\*This course (or Honors level) is required and credits obtained count toward the Social Studies graduation requirements

Course #: 40000

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: World History 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 – Honors**

\*This course (or CP level) is required and credits obtained count toward the Social Studies graduation requirements

Course #: 40050

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5

Description of Course: This course is an accelerated world history class. 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 at a high level as well as analyze primary sources to fully understand the political structure, economics, and culture of each time period covered. Students will be assessed with a mix of projects and standard assessments where students must take control of their own learning. The course will follow the New Jersey state standards for social studies as well as learning key skills for social studies that will help lead to further social studies classes.

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 – CP**

\*This course (or Honors level) is required and credits obtained count toward the Social Studies graduation requirements

Course #: 40101

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This US History course 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 years following the Civil War.

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 into the curriculum.

Prerequisite(s): None

### **Course Name: US History II – CP**

\*This course (or Honors level) is required and credits obtained count toward the Social Studies graduation requirements

Course #: 40103

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: This course 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 II – Honors**

\*This course (or AP level) is required and credits obtained count toward the Social Studies graduation requirements

Course #: 40106

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: This course 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. As an honors level course, this course will delve deeper, move at a faster pace, and require students to write evidence-based essays and (Document-Based Questions) DBQs while drawing conclusions from various points of view/perspectives. Critical thinking, presentation, and improved writing skills will be interwoven in the curriculum.

Prerequisite(s): Teacher recommendation from US History I Honors/Pre-AP, at least a grade of a B in US History I Honors/Pre-AP and/or entrance essay submitted to teacher (if coming from CP level course)

### **Course Name: US History I Honors/Pre-AP**

\*This course (or CP level) is required and credits obtained count toward the Social Studies graduation requirements

Course #: 40102

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: United States History Pre-AP 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 - AP**

Course #: 40105

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 6

Description of Course: United States History – AP 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 History Pre-AP, Teacher recommendation, B in Honors, summer work due on the first day of class

### **Course Name: American Legal Procedure**

\*The credits earned for this course count toward Elective credits

Course #: 40012

Length of Course: Semester

Grade Level(s): 9-12

Number of Credits: 2.5

Description of Course: This course will introduce and define the American legal process in relation to the student's rights and responsibilities as a worker and citizen in today's society. In criminal law, the 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.

### **Course Name: Modern US History (1960s-Present)**

\*The credits earned for this course count toward Elective credits

Course #: 40107

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: This US History course is a survey of United States History with an

emphasis on the economic, social, and political characteristics of the twentieth and twenty-first century continuing the study of the Civil Rights Movement of the 1960's and into the Vietnam War leading to the present day. 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 into the curriculum.

Prerequisite(s): US History II

### **Course Name: Sociology**

\*The credits earned for this course count toward Elective credits

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.

### **Course Name: Contemporary Issues**

\*The credits earned for this course count toward Elective credits

Course #: 40010

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

Grade Level(s): 10-12

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.

### **Course Name: Social Justice**

\*The credits earned for this course count toward Elective credits

Course #: 40021

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5

Description of Course: Racial, Class, Sex, Gender and Cultural inequality remain entrenched in society until specific views, actions and policies are taken to rebalance the power structure. The course is designed to prepare students for college level, inquiry based learning with actionable outcomes aimed at resolving student identified challenges. Students will examine social constructs that impact the access people have to social rewards, and how and why these constructs are perpetuated.

## **World Language**

The South Hunterdon Regional Social Studies Program and the State of New Jersey require a minimum of 1 year of a World Language as part of the graduation requirements.

### **World Language CP Program Sequence**

<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
Spanish I CP French I CP	Spanish II CP French II CP	Spanish III Honors French III Honors	Spanish IV Honors French IV Honors

### **World Language Honors Program Sequence**

<b>9<sup>th</sup> Grade</b>	<b>10<sup>th</sup> Grade</b>	<b>11<sup>th</sup> Grade</b>	<b>12<sup>th</sup> Grade</b>
Spanish II CP French II CP	Spanish III Honors French III Honors	Spanish IV Honors French IV Honors	AP Spanish Language and Culture AP French Language and Culture

#### **Course Name: Middle School French**

Course #: 77003

Length of Course: 7-9 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.

#### **Course Name: French I – 8**

Course #: 52008

Length of Course: Full Year

Grade Level(s): 8

Number of Credits: N/A

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.

#### **Course Name: French I - CP**

\*Credits obtained from this course count toward the World Language graduation requirements

Course #: 50001

Length of Course: Full Year

Grade Level(s): 9-12

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.

### **Course Name: French II - CP**

\*Credits obtained from this course count toward the World Language graduation requirements

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 - Honors**

\*Credits obtained from this course count toward the World Language graduation requirements

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 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 – CP

### **Course Name: French IV - Honors**

\*Credits obtained from this course count toward the World Language graduation requirements

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: AP French Language and Culture**

Course #: 50005

Length of Course: Full Year

Grade Level(s): 12

Number of Credits: 6

Description of Course: French Language and Culture – 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: Middle School Spanish**

Course #: 77004

Length of Course: 7-9 weeks

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: This course is offered as part two of the Middle School specials rotation. The main goal is to further expose the students to the basics of the Spanish language and culture. Through speaking, listening, reading and writing activities that incorporate various Spanish cultural activities, the students can experience and build an appreciation of the Spanish speaking world. This course will prepare students to take Spanish I at the high school level.

**Course Name: Spanish I - 8**

Course #: 51008

Length of Course): Full Year

Grade Level(s): 8

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.

**Course Name: Spanish I - CP**

\*Credits obtained from this course count toward the World Language graduation requirements

Course #: 50011

Length of Course): Full Year

Grade Level(s): 9-12

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.

**Course Name: Spanish II - CP**

\*Credits obtained from this course count toward the World Language graduation requirements

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 an 80% or greater on Spanish I final exam

### **Course Name: Spanish III – Honors**

\*Credits obtained from this course count toward the World Language graduation requirements

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**

\*Credits obtained from this course count toward the World Language graduation requirements

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: AP Spanish Language and Culture**

Course #: 50015

Length of Course): Full Year

Grade Level(s): 11-12

Number of Credits: 6

Description of Course: AP Spanish Language and Culture 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. A student must be enrolled in and pass Physical Education and Health each year in attendance.

### **Course Name: Physical Education, Health, & Wellness**

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

Length of Course: Full Year

Grade Level(s): 7-8

Number of Credits: N/A

Description of Course: Students are taught 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 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. Students will also 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. Students will also critically evaluate misconceptions, beliefs, and information on drugs in order to establish a sound basis for personal action.

### **Course Name: High School Physical Education, Health, & Wellness**

\*Credits obtained from these courses are required in order to meet the Physical Education and Health Education graduation requirements (all students must be enrolled in Physical Education, Health, & Wellness courses for each year they are enrolled at SHRSB)

Course #: 60009

Length of Course: Full Year

Grade Level(s): 9

Number of Credits: 5.0

Course Description: The High School Physical Education, Health, & Wellness is a coeducational program. Students will be offered specific activities that offer 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.

The Health & Wellness portion of this course is designed to give students a more complete understanding of their physical and emotional sexuality. It is a course in which students will gain an understanding of how to make informed decisions in the process of managing their environments. Clear, accurate information on the human life cycle, adult relationships, family planning and pregnancy, drugs and alcohol are presented. An emphasis is placed on helping students to prepare to cope with interpersonal relationships and with the stress of current social issues.

### **Course Name: High School Physical Education, Health, & Wellness**

\*Credits obtained from these courses are required in order to meet the Physical Education and Health Education graduation requirements (all students must be enrolled in Physical Education, Health, & Wellness courses for each year they are enrolled at SHRSB)

Course #: 60010

Length of Course: Full Year

Grade Level(s): 10

Number of Credits: 5.0

Course Description: The High School Physical Education, Health, & Wellness is a coeducational program. Students will be offered specific activities that offer 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.

The Health & Wellness portion of this course is designed to give students the theory phase of driver education and 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.

### **Course Name: High School Physical Education, Health, & Wellness**

\*Credits obtained from these courses are required in order to meet the Physical Education and Health Education graduation requirements (all students must be enrolled in Physical Education, Health, & Wellness courses for each year they are enrolled at SHRSB)

Course #: 60011 (11th Grade) and 60012 (12th Grade)

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 5.0

Course Description: The High School Physical Education, Health, & Wellness is a coeducational program. Students will be offered specific activities that offer 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.

The Health & Wellness portions of this course rotates between 11th and 12th grades:

Part 1 (Family Living): The Health & Wellness portion of this course is designed to prepare students 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.

Part 2 (First Aid): The Health & Wellness portion of this course is designed to assist students in being 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.

## **Business Education**

### **Course Name: Financial Literacy**

\*This course (or Economics) is required to meet the Financial Literacy graduation requirement

Course #: 80001

Length of Course: Semester

Grade Level(s): 10-12

Number of Credits: 2.5

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.

### **Course Name: Economics**



\*This course (or Financial Literacy) is required to meet the Financial Literacy graduation requirement

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.

### **Course Name: Accounting I**

\*The credits earned for this course count toward Elective credits

Course #: 1396

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5 (Counts as elective credit)

Description of Course: This is an introductory accounting course which will introduce the student to the basic principles, concepts, and procedures of accounting, including computerized accounting. The student will go through the entire accounting cycle from analyzing and recording transactions to preparing financial statements. Accounting principles and control systems will be applied to recording financial information for the proprietorship, partnership, and corporate forms of business organizations. Accounting career opportunities will be explored.

### **Course Name: Law and the Consumer**

\*The credits earned for this course count toward Elective credits

Course #: 40013

Length of Course: Semester

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.

### **Course Name: Marketing**

\*The credits earned for this course count toward Elective credits

Course #: 80003

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Description of Course: Marketing is a full year academic elective survey course for students in grades nine through twelve. Social media has become a critical component of our modern digital lives, transforming the way we connect, communicate and learn about the world.

Businesses have begun using these social media platforms to interact with consumers in new ways. Possessing a basic understanding of how social media marketing works can help you make informed choices as a consumer, as well as plan for future careers in business and marketing. This course will lead you to an understanding of the principles of social media marketing. Students will learn an understanding of the principles of social media marketing. Students will learn how marketers conduct research, make decisions, and strategize to help sell goods and services using social media platforms and other digital tools. Students will be challenged to think like a marketer as you consider financial, strategic, and communication components to compile a social media marketing plan for a business. This course will prepare you with the social media marketing principles and skills that you will use in the classroom, the workplace and beyond.

**Course Name: HS Transition Seminar**

Course #: 81005

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0 (**2.5 Financial Literacy** / 2.5 Career Development & Structured Learning Experience)

Course Description: The academy transition seminar will focus on teaching students career readiness and financial literacy. This program will begin to prepare students with learning differences on how to be career ready by teaching 21st-century technology skills and how they are applied to the workplace. Financial literacy strategies and management will be taught to help students become confident when making any financial decisions (saving, spending, investing). In addition, this program will focus on the social, life, and communication skills needed for students to be integrated members of the workplace and their community. All activities and structured learning experiences will increase expressive/receptive language, demonstrate student understanding of basic financial literacy skills, and allow students to identify various employment pathways and utilize workplace readiness tools.

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

Students are required to obtain at least one full year (5 credits) of a practical art course during their high school program.

**Science Technology Engineering Mathematics (STEM) &  
Computer Science**

**Course Name: STEM - 7 & 8**

Course #: 78012

Length of Course: 7-9 Weeks

Grade Level(s): 7 & 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.

### **Course Name: Commercial Arts**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 70005

Length of Course: Full year

Grade Level(s): 10-12

Number of Credits: 5

Description of Course: Commercial Arts is a visual arts course that centers around hands-on building and craft making. Materials such as fabric, wood, string, paper, clay and glass are used to create 2-D and 3-D projects. Famous artists who commonly work with these materials will be discovered and basic skills of drawing and painting will be integrated as well.

Prerequisite(s): Passing grade in Art I

### **Course Name: Woodworking I**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

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.

### **Course Name: Woodworking II**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

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**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

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 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.

**Course Name: Engineering Design I**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

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. Students will utilize 3D printers in the development of their solutions as well as shop equipment and tools.

**Course Name: Engineering Design II**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

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 Podcasting**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 83000

Length of Course: Full Year

Grade Level(s): 9 - 12

Number of Credits: 5

Description of Course: The world of Podcasting has exploded in popularity since the beginning of the 21st Century. In this course, students will explore the history of podcasting and the many genres that exist, such as interviewing and storytelling. Students will learn about the technology involved in podcasting, as well as how to edit and produce. The course will culminate in the students designing, creating, and producing their own podcast episode.

### **Course Name: Podcasting II**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 83001

Length of Course: Full Year

Grade Level(s): 9 - 12

Number of Credits: 5

Description of Course: The world of Podcasting has exploded in popularity since the beginning of the 21st Century. In this course, students will explore the history of podcasting and the many genres that exist, such as interviewing and storytelling. Students will learn about the technology involved in podcasting, as well as how to edit and produce. The course will culminate in the students designing, creating, and producing their own podcast episode.

### **Course Name: Robotics**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 30070

Length of Course: Full year

Grade Level(s): 9 - 12

Number of Credits: 5

Description of Course: Robotics is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots.

### **Course Name: Cybersecurity (Project Lead the Way)**

No prior computer science experience is necessary to take this course!

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 82005

Length of Course: Full Year

Grade Level(s): 9 - 12

Number of Credits: 5

Description of Course: PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. It inspires algorithmic thinking, computational thinking, and especially, “outside-the-box” thinking. Students explore the many educational and career paths available to cybersecurity experts, as well as other careers that comprise the field of information security. The course contains the following units of study.

### **Course Name: Computer Science Essentials (Project Lead The Way)**

No prior computer science experience is necessary to take this course!

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 81003

Length of Course: Full Year

Grade Level(s): 9 - 12

Number of Credits: 5

Description of Course: Collaborate to create mobile apps. Solve problems and create value for others through innovation and creativity. Explore how innovations in computing impact and connect our world. With a gentle introduction to programming, you will learn how to put your designs into practice.

Whether these are your first steps in computer science, or a continuation of your journey, Computer Science Essentials will give you confidence to succeed today and beyond.

### **Course Name: Computer Science Principles (Project Lead the Way)**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 82003

Length of Course: Full Year

Grade Level(s): 9 - 12

Number of Credits: 5

Description of Course: Express your creativity through code. Analyze computing innovations and the impacts they have on our lives. Use abstraction and algorithmic thinking to solve problems and create value for others. Develop, analyze, implement, and test programs developed for a purpose. Learn to uncover patterns in data, protect data, and explore how the internet connects the world in which we live. Whether seeking a career in the growing field of computer science or learning how computer science is transforming all careers, students in Computer Science Principles learn the fundamentals of coding, data processing, data security, and automating tasks while learning to contribute to an inclusive, safe, and ethical computing culture.

**Course Name: TV Production & Multimedia**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 90070

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5

Course Description: This brand new, project-driven course will engage students in a creative, hands-on learning experience that mimics the production flow of a professional television studio. Students will produce unique content and develop thoughtful video projects by applying practical, technical and creative skills acquired as members of a class production team. From script writing to video editing, this introductory course will offer a complete look at every aspect of visual story production while encouraging students to build confidence both in front of the camera and behind the scenes.

**Course Name: HS Transition Seminar**

Course #: 81005

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0 (2.5 Financial Literacy / ***2.5 Career Development & Structured Learning Experience***)

Course Description: The academy transition seminar will focus on teaching students career readiness and financial literacy. This program will begin to prepare students with learning differences on how to be career ready by teaching 21st-century technology skills and how they are applied to the workplace. Financial literacy strategies and management will be taught to help students become confident when making any financial decisions (saving, spending, investing). In addition, this program will focus on the social, life, and communication skills needed for students to be integrated members of the workplace and their community. All activities and structured learning experiences will increase expressive/receptive language, demonstrate student understanding of basic financial literacy skills, and allow students to identify various employment pathways and utilize workplace readiness tools.

**Agricultural Career and Technical Education (CTE)****Program Courses**

The South Hunterdon Regional School District continues to hold articulation agreements with Delaware Valley University, SUNY College of Agriculture and Technology, and Rutgers State University that allow students to earn college level credits through successfully completing one of two three-year sequences of agricultural science courses as follows:

<b>Option #1</b>	Agriculture, Food and Natural Resources	Animal Science	Food Science
<b>Option #2</b>	Agriculture, Food and Natural Resources	Plant Science	Horticultural Design & Business Management

\*Interested students should discuss these options with their school counselor when scheduling.

### **Course Name: Agricultural Leadership – 7**

Course #: 77910

Length of Course: 7-9 weeks

Grade Level(s): 7

Number of Credits: N/A

Course Description: As part of the Middle School rotations, this course is designed to promote leadership and teambuilding skills by teaching effective communication and employability skills through agriculture. Students will learn about the three components of Agricultural Education: Classroom Instruction, National FFA Association (FFA) and Supervised Agricultural Experience (SAE) as well as the opportunities they afford them. Students will work in a hands-on classroom environment where they will be encouraged to share their creativity through collaboration with their peers. 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 the FFA description at the end of this section.

### **Course Name: Agricultural STEM – 8**

Course #: 78015

Length of Course: 7-9 weeks

Grade Level(s): 8

Number of Credits: N/A

Course Description: As part of the Middle School rotations, this course is designed to promote research and problem-solving skills by teaching the scientific process through agriculture. Students will learn about the different facets of the Agriculture Industry, select a current agricultural issue and design and conduct an experiment that will test their hypothesis. Students will work in a hands-on classroom environment where they will be encouraged to share their creativity through collaboration with their peers. 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 the FFA description at the end of this section.

### **Course Name: Agriculture, Food and Natural Resources**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 30062

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0



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 the FFA description at the end of this section.

### **Course Name: Animal Science**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 30060

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5.0

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 the 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): Agriculture, Food and Natural Resources

### **Course Name: Plant Science**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 30061

Length of Course: Full Year

Grade Level(s): 10-12

Number of Credits: 5.0

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 the 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): Agriculture, Food and Natural Resources

### **Course Name: Food Science**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 60064

Length of Course: Full Year

Grade Level(s): Preference to 11-12

Number of Credits: 5.0

Course Description: This course is designed to teach students about the ever-evolving food industry. Concepts of food safety, processing, marketing, and technology will be discussed as well as career preparation and government regulation. Students will participate in class discussions, research projects and laboratory activities that will test their understanding of course concepts and develop their career readiness skills. Students will learn about the complexity of the food industry starting with an acknowledgment of food laws and governing agencies. They will spend time evaluating food products and processing techniques as well as food preservation methods and will discuss food marketing and pricing strategies as they pertain to consumer preferences. Another topic of this course will be food technology and innovations that have impacted the industry as well as overall food security. Workplace and consumer safety will be covered in addition to food industry careers. Classroom and laboratory instruction supervised agricultural experience projects and FFA will be incorporated into this course. Students will also have the opportunity to compete at state and national competitions through the FFA and potentially earn scholarships for post-secondary education endeavors or career-related activities.

\*Please see the 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): Plant Science OR Animal Science

### **Course Name: Horticulture Design & Business Management**

\*The credits earned for this course count toward the Practical Art graduation requirement or as Elective credits

Course #: 30162

Length of Course: Full Year

Grade Level(s): Preference to 11-12

Number of Credits: 5.0

Course Description: Within the vast horticulture industry, the areas of floral and landscape design are the most widely regarded by the general observer. Floral arranging is an art that is used daily to enhance the quality of life for all. Flowers are used to celebrate the birth of a new child, give inspiration to those who need encouragement and ease the sorrow of a lost loved one. The floral industry employs hundreds of individuals in the United States and abroad in the cultivation, sale, and designing of fresh flower arrangements. The landscape design industry

also brings about a sense of serenity for the consumer. Homeowners may hire a landscape architect to design a one of a kind backyard oasis while businesses try to bring a sense of the natural world and soften the harsh architectural lines of buildings by hiring a landscape designer. Both career fields require an in-depth understanding of plant anatomy and physiology as well as business management to be successful.

Through this class, students will engage in laboratory and other hands-on experiences that will encourage student growth and career success. Students have the opportunity to utilize their core content understandings in real-world situations and practice their problem-solving skills on a daily basis. Students will gain insight to the career opportunities available in the floral and landscape industry, as well as, practice their interpersonal, public speaking and other employability skills that will make them well suited for a career in any industry. Students will also have the opportunity to compete at state and national competitions through the FFA and potentially earn scholarships for post-secondary education endeavors or career-related activities. Classroom and laboratory instruction, supervised agricultural experience projects and FFA will be incorporated into this course.

\*Please see the 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): Plant Science OR Animal Science

\*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; at least one fine arts course is required.

### **Visual Arts / Fine Arts**

#### **Course Name: Art I**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 70001

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0

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.

### **Course Name: Art II**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 70002

Length of Course: Full year

Grade Level(s): 10-12

Number of Credits: 5.0

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**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 70003

Length of Course: Full year

Grade Level(s): 11-12

Number of Credits: 5.0

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 Art II

### **Course Name: Art IV**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 70004

Length of Course: Full year

Grade Level(s): 12

Number of Credits: 5.0

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 III

**Course Name: Studio Art - AP**

Course #: 70006

Length of Course: Full Year

Grade Level(s): 11-12

Number of Credits: 6.0

Description of Course: This course is designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. The AP Studio Art Program consists of three portfolios — 2-D Design, 3-D Design and Drawing — corresponding to the most common college foundation courses.

**Performing Arts / Fine Arts**

**Course Name: Drama I**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 10070

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0

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.

**Course Name: Drama II**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 10074

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0

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: General Music – 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 three units of study. The first is music literacy, during which students will learn to read and interpret musical notation with application to musical performance. The second unit on performance skills will synthesize physical skills of instrumental performance (focusing primarily on the piano/keyboard) with musical content accessed through varied source materials. The final unit will allow students to evaluate musical genres through the lens of emotions evoked by particular musical sounds and apply these evaluations to personal events and memories.

### **Course Name: General Music – 8**

Course #: 78011

Length of Course: 7 weeks

Grade Level(s): 8

Number of Credits: N/A

Description of Course: This course will be divided into three units of study. The first is music literacy, during which students will learn to read and interpret musical notation with application to musical performance. The second unit on performance skills will synthesize physical skills of instrumental performance (focusing primarily on the piano/keyboard) with musical content accessed through varied source materials. The final unit will allow students to evaluate musical genres through the lens of emotions evoked by particular musical sounds and apply these evaluations to personal events and memories.

### **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 are 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.

Prerequisites: Audition by teacher for 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 multiple voice parts and will learn the basic ear training techniques to sing harmony independently. Correct posture, breathing, and sight-singing techniques will be introduced. All members of the chorus class will be expected to perform at the school's winter and spring evening concerts in addition to any in-school performances.

Prerequisites: Audition by teacher for voice placement

**Course Name: High School Concert Band**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 70010

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0

Description of Course: Students will learn to function in an instrumental musical ensemble. Skills and fundamentals including posture, breathing, and playing technique will continue to be developed and mastered. Students will develop an understanding of blend and balance through participation in active listening and cooperative learning with their classmates. The class will study a diverse repertoire of Concert Band music at the school's winter and spring concerts and in elementary schools. The class will meet 2 to 3 times per week and attendance at weekly unit lunch rehearsals is required.

Prerequisite(s): 1 year Middle School Band or audition. Please note: all students performing in the Concert Band are expected to enroll in the Concert Band class.

**Course Name: High School Concert Choir**

\*The credits earned for this course count toward the Fine Art graduation requirement or as Elective credits

Course #: 70020

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0

Description of Course: In this performance-focused course, students will sing choral repertoire in multiple voice parts from a wide variety of genres, cultures, and historical periods. Correct vocal technique, harmonization, sight-singing skills, and expressive interpretation will all be introduced and reinforced through the rehearsal and performance of choral music. All members of the chorus class will be expected to perform at the school's winter and spring evening concerts, spring choral adjudication, and other performance opportunities that may arise during the school year. Concert attendance and weekly unit lunch rehearsals are mandatory and included in the course grade.

Prerequisite(s): None. Please note: all students performing in the Concert Choir are required to enroll in the Concert Choir class.

**Course Name: Music Appreciation**

\*The credits earned for this course count toward Elective credits (does not count toward Fine Art credit)

Course #: 70032

Length of Course: Full Year

Grade Level(s): 9-12

Number of Credits: 5.0

Description of Course: The Music Appreciation course provides an introduction to the historical, cultural and theoretical concepts of music. Students taking this course will explore both their music listening and analyzing skills while developing a greater understanding of music's past and present. Musical elements including pitch, rhythm, harmony, form style will be discussed and put in context through the study of music history's origins and influential contributors.