



# 2024-2025 CRHS COURSE DESCRIPTION BOOK



# VISION & MISSION

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## **Vision:**

The Cumberland Regional School District is an inclusive, progressive learning community that strives to create independent, productive, and ethical leaders of our diverse, evolving society by inspiring curiosity, igniting passion, and making excellence attainable.

## **Mission**

Creating Connections to Empower Every Student to be Successful and Fulfill Their Dreams.







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# WELCOME MESSAGE

Dear Parents and Students,

The purpose of The Curriculum Guide is to serve as a resource to assist you and your parents in mapping out an academic program that is right for you during your high school years. It is important for you as a student to map out your high school goals to prepare you for your after high school career whatever path you choose. Your time in high school will prepare you to be successful in whatever that path will be.

High school is a great time to explore your interests and take some courses that may take you out of your comfort zone. Look at classes like public speaking, an advanced art class, maybe learn to play an instrument or challenge yourself with a higher-level math or science class. Take some time to get involved in extracurricular activities as well as sports. Meet new people. Make memories you will remember for the rest of your life. Become part of the school community!

My goal for you in high school is for you to earn your high school diploma. Having your diploma will open the road for whatever you choose to do in the future. Whether it is college, the military, trade school, or work, you will be prepared to accept the new challenges that will present themselves. I wish you the best of luck in your high school career and look forward to shaking your hand on the stage at your high school graduation.

Sincerely,  
Justin Martin,  
Principal







# INTRODUCTION

The curricula at Cumberland Regional High School is comprehensive. This allows for varied levels of learning meeting individual student needs. College Preparatory, College Preparatory Plus Research, Honors, Dual Credit, and Advanced Placement curricula provide varied challenges aimed at assisting students in reaching their potential. Students can select from a variety of electives to help them develop their personal interests and achieve their goals.

## PROGRAMS AND GRADUATION REQUIREMENTS

CRHSD follows the NJ DOE's graduation requirements. To graduate High School, students are required to earn 120 credits that are distributed as follows:

English Language Arts - 20 credits

Math 15 credits including Algebra, Geometry

Science 15 credits - two laboratory classes including Biology and an elective

Social Studies - 15 credits - World History, US History 1, US History 2

Financial Literacy - 2.5 credits

PE/Health class for every year enrolled at CRHS (5 credits a year)

World Language - 5 credits,

Fine or Performing Art - 5 credits,

21st Century Life & Careers - 5 credits,

20 credits of any elective.

For more information please visit <https://www.nj.gov/education/cccs/grad.pdf>

## NEW JERSEY GRADUATION TESTING REQUIREMENTS

Classes of 2023-2025 - Students are required to demonstrate proficiency in Math and English Language Arts by achieving a minimum cut score designated by the

NJ Department of Education on the NJ Graduation Proficiency Assessment (NJGPA). Students who do not achieve this cut score after taking the NJGPA may satisfy this requirement by meeting the designated cut score on a substitute alternate competency test such as the PSAT, SAT, ACT or ACCUPLACER.





# PREPARATION FOR COLLEGE

Our graduation requirements satisfy the general admission requirements for most four year colleges. Students interested in a specific career path are encouraged to research college admissions requirements for their area of interest, and should refer to the Career Guide in Naviance.



Factor	N	Considerable Importance	Moderate Importance	Limited Importance	No Importance
Grades in All Courses	220	74.5	15.0	5.5	5.0
Grades in College Prep Courses	220	73.2	16.8	5.9	4.1
Strength of Curriculum	219	62.1	21.9	8.7	7.3
Admission Test Scores (SAT, ACT)	221	45.7	37.1	12.2	5.0
Essay or Writing Sample	220	23.2	33.2	24.1	19.5
Student's Demonstrated Interest	218	16.1	23.9	28.0	32.1
Counselor Recommendation	218	15.1	40.4	26.6	17.9
Teacher Recommendation	219	14.2	40.2	26.5	19.2
Class Rank	220	9.1	29.1	34.1	27.7
Extracurricular Activities	219	6.4	42.9	32.0	18.7
Portfolio	219	6.4	11.9	26.9	54.8
Subject Test Scores (AP, IB)	219	5.5	18.3	35.2	41.1
Interview	219	5.5	16.4	28.3	49.8
Work	217	4.1	28.6	36.9	30.4
State Graduation Exam Scores	218	2.3	8.7	18.8	70.2
SAT II Scores	216	1.9	5.6	14.8	77.8

SOURCE: 2018 - 19 NACAC ADMISSIONS TRENDS  
SURVEY (LATEST DATA AS OF NOVEMBER 2021)







# CHARACTER COUNTS:

## THE QUALITIES THE ADMISSIONS BOARD WANTS TO SEE

You can have a beautiful transcript, fantastic test scores and great letters of recommendation – but in today's tough academic environment, college admissions boards are increasingly saying that what isn't easily ascertained from your academic record is what may matter the most. They're talking about character. Here's what you need to know.

### **What Is Character and Why Does It Matter to a University?**

It's been said that your character is who you are and what you do when nobody else is around. It's also the inherent qualities that you bring with you to the campus once you become part of a university community.

Early in 2020, the National Association for College Admission Counseling (NACAC) released research that talked about this very issue and addressed the trends they are seeing in college admissions. The study indicates that a student's non-academic character-related attributes have gained increasing importance when it comes to gaining a spot in a freshman class at a top school.

Why? Because there are tons of students with great academics out there competing for slots at the top schools. That means admissions boards are increasingly looking for ways to differentiate students with similar backgrounds and academic records through non-traditional means.

**Universities** – particularly those with excellent reputations – also want to know that the students they admit are capable of embodying the “school spirit” when it comes to integrity, honor and their contributions to both the campus atmosphere and society in general.





# CHARACTER COUNTS:

## WHAT CHARACTER TRAITS DO ADMISSION BOARDS WANT TO SEE?

No one person can embody every positive character trait that admissions officers hope to see, but it does help to have a list in mind. Today, the top schools want to see applicants with:

- **Creativity:** Adobe released a study called “The Deciding Factor” that surveyed numerous high school students, placement counselors and admissions boards about the way that the college admissions process is evolving. Creativity was cited by 95% of admissions officers as one of the top three character traits they look for in a student’s application. •
- **Social consciousness:** Social responsibility has become a pressing concern in many different settings – especially, perhaps, among academics. People who demonstrate that they care about the world and other people are an asset to any campus community.
- **Open-mindedness:** It’s an increasingly global world, and the capacity to engage with others from different cultures and backgrounds than one’s own is important both in a student’s academic life and future career.
- **Resilience:** Call it a stubborn streak, grit or persistence, a student who is willing to take on challenges and strive for their goals despite setbacks and obstacles without becoming bitter or losing their passion is attractive to many schools. This also demonstrates that a student is willing to explore and take risks instead of sticking to “safe” classes and goals.
- **Leadership:** This shows that a student isn’t afraid to take charge of a situation, that they know how to both inspire others and work well with a team to achieve common goals. That feeds right back into the loop that tells an admissions board that a particular applicant will benefit the campus community.

The odds are high that you do possess many of these valuable character traits. They may even have helped you get where you are today. Just make sure that you keep them in mind both as you’re cultivating your high school experience and drafting your applications for the university of your dreams.

Categories: Activity Program, College Admissions By Will Dixon November 4, 2021



## COLLEGE-BOUND STUDENT ATHLETES

If you plan to participate in collegiate sports, please notify your coach and your school counselor during your first year playing a sport. Please see the NCAA Clearinghouse website at [www.ncaaclearinghouse.org](http://www.ncaaclearinghouse.org) for more information.





# GUIDELINES FOR SCHEDULING

Students begin the scheduling process in January by meeting with their counselors. Parents/guardians are encouraged to contact their child's counselor if they have specific questions. After a student has selected their courses, a Drop/Add period will be in effect until May 30 as per BOE policy 2312. After that date, schedules will not be changed unless student academic progress warrants it.

Entry into the science, language arts, and social studies honors strand at the freshman level requires an "A" average in the related academic courses in seventh and eighth grades and the recommendation of their eighth-grade teacher. Entry into the math honors course at the freshman level requires completion of Algebra 1, including taking the Algebra 1 NJSLA Assessment, an "A" average in the related academic courses in seventh and eighth grades, and the recommendation of their eighth-grade teacher. Entry into the honors strand after freshman year requires an "A" in previous core course(s) or a teacher's recommendation. All are important indicators of success.

**As the student progresses through the honors sequence, a grade of "A" and a teacher recommendation is required in each honors course taken in high school to remain in the honors program.**



## EARLY COLLEGE HIGH SCHOOL PROGRAM

The Early College High School Program provides an educational opportunity for those students who meet the requirements to begin taking college-level courses during their high school coursework. Through summer programs, online courses, Dual-Credit courses offered at Cumberland Regional High School, and Dual-Enrollment courses offered through Rowan College of South Jersey, students have an opportunity to earn college credits while in high school. Through scheduling of the correct courses and successful completion of the work, there is the prospect for students to earn their Associate's in Arts Degree from Rowan College of South Jersey and their high school diploma at the same time.

## COLLEGE COURSES

Students may complete a course at an outside educational institution. The course will include objectives, a timeline, and an evaluation procedure. All programs require the signatures of the parent/guardian, student, school counselor, and principal. Reduced cost per tuition credit is available at Rowan College of South Jersey for current Cumberland Regional High School students.





## OPTION II

Students are given the option to create learning opportunities that meet or exceed the New Jersey Student Learning Standards and meet graduation requirements. An Option II form must be filled out and given to the counselor with signatures from a parent/guardian. All programs require the signatures of the counselor, teacher, and principal. Credits taken as an Option II are not factored into your GPA.

# 2

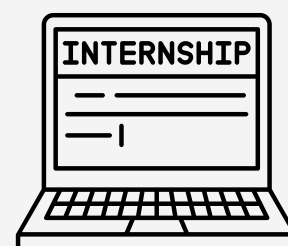
## GIFTED AND TALENTED ENRICHMENT – PROJECT BASED

Gifted and talented students mean students who possess or demonstrate high levels of ability in one or more content areas when compared to their chronological peers in the district and who require modification of their educational program if they are to achieve in accordance with their capabilities. Incoming 9th grade students who were G&T in the middle school will be labeled as G&T when entering high school. Please see policy and regulation 2464 or see your guidance counselor for more information.



## Work-Based Learning

Work Based Learning (WBL) is completed with a mentor or professional in desired career where the student completes job-related tasks and reflects on learning from the experience. Students must have their work approved by a WBL Coordinator prior to starting and meet the requirements of CRHS, including paperwork, time and reflection logs, and a final project. All Academy Graduate students must complete a WBL by the end of the first semester of their twelfth-grade year. Depending on the number of hours compiled through the WBL, credits may be awarded with the WBL noted on the student's transcript.



## ONLINE COURSES

Students may use the preapproved online content provider that is designated by the school. Please see your counselor for more information. Students may be responsible for the cost of the class. Online courses do not factor into a student's GPA.





## SUMMER READING PROGRAM

At Cumberland Regional High School, we believe that an uninterrupted learning cycle promotes academic success and upholds the District mission of developing lifelong learners. Therefore, the District has fostered a Summer Reading program designed to encourage all CRHS students to read during summer recess.

Information about the summer reading program will be shared prior to the start of the summer recess. Students enrolled in Language Arts 1 Honors, Language Arts 2 Honors, Language Arts 3 Honors, or AP Literature & Composition have additional summer reading requirements.



## NATIONAL HONOR SOCIETY

To be inducted into the NHS a student must be a junior or senior; attain academic excellence (95 or higher G.P.A.); have service to the community, have served in a leadership role and be of strong moral character. In addition, all members must meet the eligibility requirements outlined in the NHS bylaws. The student must be in good standing within the school community and may not have been suspended. Please see the CRHS website under the student tab for more information.







# GRADING POLICY

Report cards and interim progress reports are issued four (4) times a year in accordance with the timetable published annually. Teachers evaluate students using numerical grades. The alpha (letter) symbols for the numerical grades are listed.

- A 90-100 Superior
- B 80-89 Above Average
- C 70-79 Average
- D 60-69 Below Average
- F 0-59 Failing

- WF = Withdrawal/Failing
- WP = Withdrawal/Passing
- P = Passing
- I = Incomplete
- M = Medical (PE only)

The final grade, which is the numerical average of the two marking periods and one exam grade, is determined according to the following formula:

$$\begin{array}{r} 2 \text{ Marking Periods (45\% per period)} \quad 90\% \\ \underline{1 \text{ Final Exam}} \quad 10\% \\ 100\% \end{array}$$

Example:

Marking Period Grade Percentage of Final Grade

First	93 - A x .45
Second	86 - B x .45
<u>Final Exam</u>	<u>80 - B x .10</u>
Final Grade	89 B (88.55)

Grades ending in .5 or higher will be rounded up to the next highest whole number (for example, 84.5 will be rounded to 85). The final numerical class grades will be used to determine rank in class. All honors courses are weighted an extra 5%. All courses noted as advanced or Advanced Placement (AP) or a Dual Credit class receive an additional 10% weighting.

## STANDARDS FOR PROMOTION

In order to be considered in the following grade levels, the students must have previously earned the indicated number of credits:

- Grade 10 - 30 credits
- Grade 11 - 60 credits
- Grade 12 - 90 credits
- Graduation - 120 credits

Grade-level adjustments for grades 9 through 11 will only be made at the end of the school year.





# GRADE POINT AVERAGE CALCULATIONS

Families are often concerned about the importance of GPA and Class Rank as they affect both college admission and scholarship decisions. When making decisions that might affect final rank and GPA, families should consider certain facts. These should be thoroughly researched by applicants.

- Some colleges do not differentiate among the top three ranked graduates.
- Some colleges give priority to the number one ranked graduate for both admissions and scholarships.
- Special care should be given so that an important high school academic experience that will benefit a student at college is not missed solely to enhance the chance of a slightly higher GPA.
- Exceptionally competitive colleges have commented on the importance of intellectual growth and sustained study of English, World Languages, and Mathematics/Science.
- Success in Advanced Placement courses can weigh in an applicant's favor.

Clearly, the quality of a student's overall program of study is important. Students are encouraged to contact colleges in which they are interested to obtain an understanding of those colleges' practices concerning grade point average and class rank.

Cumberland Regional High School utilizes the following procedure as directed by the District's Board of Education's Policy 5430 when calculating the Grade Point Average.

## **\*\* Advanced Placement (AP) Courses or Dual Credit Courses**

Final numerical average + 10% of that average multiplied by the credit value of the course to arrive at quality point value. Students must meet the requirements for the course to earn the +10% credit value. For Advanced Placement Courses, students are encouraged to register for and take the corresponding AP Test. For Dual Credit courses, students must earn an overall grade of C (70) or better.

## **\* Honors Courses**

Final numerical average + 5% of that average multiplied by the credit value of the course to arrive at quality point value.

## **College Preparatory Courses**

Final numerical average multiplied by the credit value of the course to arrive at quality point value. Courses receiving a Pass/Fail grade are not calculated into the GPA.





# GRADE POINT AVERAGE CALCULATIONS

<i>Example:</i>				
<u>Course</u>	<u>AVG.</u> <u>Points</u>	<u>Attempted</u>	<u>=</u>	
AP Biology	$100 + (10\% * 100) = 110$	x 5	=	550
Honors History	$100 + (5\% * 100) = 105$	x 5	=	525
Choir	100	x 5	=	500
Independent Study	P	Not calculated	-----	
		Total 15 credits	Total 1575	
<b>1575 quality points <i>divided by</i> 15 credits = 105 GPA</b>				

## \*ATHLETIC ELIGIBILITY

Each student must complete an eligibility form and have a physical examination by a physician. Eligibility forms can be obtained from the nurses' office, our website, or the Main Office.

An athlete becomes ineligible for high school athletics if he/she reaches the age of nineteen (19) prior to September 1. A ninth-grade student becomes ineligible for Freshman Athletics if he/she reaches the age of sixteen (16) prior to September 1. No student will be eligible for high school athletics after the expiration of four (4) consecutive years following his/her entrance into the ninth grade.

CRHS adheres to the NJSIAA's requirements for the number of credits that are needed by a student to participate in any athletic program. Questions should be directed to a coach or the Athletic Director.

To participate in an athletic event or extracurricular activity, for example, band, each student must be present in school a minimum of two (2) blocks the day of the event/practice/game. For weekend practice/game the above requirements must be fulfilled on Friday.

## CUMBERLAND DAY PROGRAM (CDP)

The CDP program prepares students behaviorally and academically for mainstream classrooms by providing the opportunity to focus on the skills they need for a successful high school experience. It is a highly structured program for students with behavioral challenges. The components of the CDP program are Respect, Success, Trust, Academic Accountability, and Responsibility. In the classroom, the small, more individualized learning environment enables the students and teachers to build relationships based on trust and respect for each other. The goals of the CDP program include students developing socially acceptable, age-appropriate behaviors, displaying cooperation and appreciation for school rules, and displaying evidence of academic achievement. Every student has an opportunity to exit the program and be placed back into the mainstream program. To ensure that each student reaches their goals, a Behavior Modification Plan is in place. The students in the CDP program have a dedicated Assistant Principal, Case Manager, and a Counselor.





# COURSE OFFERINGS

## AGRICULTURE ACADEMY

4137 \* AG/FOOD/NAT RES HONORS  
ACADEMY

4106 \*\*PRIN. AGRICULTURAL SCIENCE-  
ANIMAL DC

4116 \*\*PRINCIPLES AGRICULTURAL  
SCIENCE-PLANT DC

4127 \*AGRICULTURAL RESEARCH &  
DEVELOPMENT HONORS

4176 \*\*FOOD SCIENCE AND SAFETY DC

4177 \*\* FOOD SCIENCE AND SAFETY DC  
ACADEMY

## GENERAL AGRICULTURAL SCIENCES ELECTIVES

4106 \*\*PRIN. AGRICULTURAL SCIENCE-  
ANIMAL DC

4176 \*\*FOOD SCIENCE AND SAFETY DC

4151 FLORICULTURE CP

4181 INTRO. TO AG/FOOD/ NATURAL  
RESOURCES CP

## BIOMEDICAL ACADEMY

2157 \*PRIN. OF BIOMEDICAL SCIENCES  
HONORS ACADEMY

2167 \*HUMAN BODY SYSTEMS HONORS  
ACADEMY

2177 \*MEDICAL INTERVENTIONS  
HONORS ACADEMY

2187 \*BIOMEDICAL INNOVATIONS  
HONORS ACADEMY

## BUSINESS ACADEMY

5107 \*BUSINESS & COMPUTERS I:  
MICROSOFT 365/KEYBOARDING  
HONORS

5117 \*BUSINESS & COMPUTERS II  
PRINCIPLES OF BUSINESS  
ECONOMICS HONORS ACADEMY

5127 \*BUSINESS & COMPUTERS III  
MARKETING & MANAGEMENT  
HONORS ACADEMY

5137 \*BUSINESS & COMPUTERS IV  
FINANCE & STRATEGIES  
HONORS ACADEMY





# COURSE OFFERINGS

## BUSINESS/TECHNOLOGY

5138 MICROSOFT 365 / KEYBOARDING  
5131 MICROSOFT 365/KEYBOARDING CP  
5111 BUSINESS & COMPUTERS II  
BUSINESS ECONOMICS CP

5541 WEB DEVELOPMENT CP  
5571 COMPUTER SCIENCE ESSENTIALS  
CP

## DRAMATIC ARTS ACADEMY

1127 \*DRAMATIC ARTS HONORS  
ACADEMY  
1147 \*\*DRAMATIC ARTS 2 DC ACADEMY

1157 \*\*DRAMATIC ARTS 3 DC ACADEMY  
1167 \*\*DRAMATIC ARTS4 DC ACADEMY

## FINE ARTS

4601 ART 1 CP  
4611 ART 2 CP  
4621 DIGITAL PHOTOGRAPHY & DESIGN  
4634 \*STUDIO ART HONORS

4651 CERAMICS 1 CP  
4656 \*CERAMICS 1 DUAL CREDIT  
4661 CERAMICS 2 CP  
4666 \*CERAMICS 2 DUAL CREDIT

## IT ACADEMY

5517 \*INTRO TO COMPUTER  
PROGRAMMING HONORS  
ACADEMY  
5537 \*\*ADVANCED VISUAL BASIC DC  
ACADEMY

5527 \*VISUAL BASIC HONORS ACADEMY  
5567 \*\*C ++ DC ACADEMY  
5577 \* PROGRAMMING IN JAVA HN  
ACADEMY

## JUSTICE STUDIES ACADEMY

2607 \*INTRO TO JUSTICE STUDIES  
HONORS ACADEMY  
2567 \* STREET LAW ACADEMY HONORS

2577 \*SOCIOLOGY HONORS ACADEMY  
2557 \*\*ADMINISTRATION OF JUSTICE DC  
ACADEMY







# COURSE OFFERINGS

## LANGUAGE ARTS

1001 LANGUAGE ARTS 1 CP  
1003 LANGUAGE ARTS 1 RESEARCH CP  
1008 LANGUAGE ARTS 1  
1011 LANGUAGE ARTS 2 CP  
1013 LANGUAGE ARTS 2 RESEARCH CP  
1014 \*LANGUAGE ARTS 2 HONORS  
1178 LANGUAGE ARTS 10-12  
1021 LANGUAGE ARTS 3 CP  
1023 LANGUAGE ARTS 3 RESEARCH CP  
1024 \*LANGUAGE ARTS 3 HONORS  
1031 LANGUAGE ARTS 4 CP  
1033 LANGUAGE ARTS 4 RESEARCH CP  
1111 YEARBOOK CP

1035 \*\*AP LANGUAGE ARTS LITERATURE  
AND COMPOSITION  
1046 ACCELERATED ENGLISH 101  
1051 CREATIVE WRITING I CP  
1071 FANTASY, SUSP, & SCI FIC CP  
1081 TECHNICAL COMMUNICATION CP  
1091 AFRICAN AMERICAN LIT CP  
1061 CREATIVE WRITING II CP  
1104 \*HARRY POTTER AND THE  
SEMESTER OF SERVICE HONORS  
1121 DRAMATIC ARTS & PUBLIC  
SPEAKING CP  
1131 ADV. DRAMATIC ARTS & PUBLIC  
SPEAKING CP

## MATHEMATICS

1511 ALGEBRA 1 CP  
1513 ALGEBRA 1 APPLICATIONS CP  
1531 ALGEBRA 2 CP  
1533 ALGEBRA 2 APPLICATION CP  
1534 ALGEBRA 2 HONORS  
1521 GEOMETRY CP  
1523 GEOMETRY APPLICATIONS CP  
1524 GEOMETRY HONORS

1511 FINANCIAL LITERACY MATH CP  
1561 COLLEGE MATH CP  
1571 PRE CALCULUS CP  
1574 \*PRE CALCULUS HONORS  
1584 \*CALCULUS HONORS  
1585 \*\*AP CALCULUS AB  
1601 MATH IN ACTION CP  
1611 MATH IN SPORTS CP  
1621 STATS/PROBABILITY CP

## MUSIC

6001 PIANO LAB 1 CP  
6011 PIANO LAB 2 CP  
6021 GUITAR LESSONS 1 CP  
6031 GUITAR LESSONS 2 CP

6041 BAND and/or CONCERT CHOIR CP  
6051 MIXED CHORUS CP  
6061 MUSIC PRODUCTION AND SONG  
WRITING CP





# COURSE OFFERINGS

## PHYSICAL EDUCATION/HEALTH

3500 PHYSICAL EDUCATION 1/FAMILY LIFE EDUCATION  
3520 PHYSICAL EDUCATION 2/DRIVER EDUCATION  
3540 PHYSICAL EDUCATION 3/CPR  
3560 PHYSICAL EDUCATION 4/FAMILY LIFE FROM ADOLESCENCE THRU OLD AGE

3601 FITNESS AND NUTRITION CP  
3608 FITNESS AND NUTRITION  
3611 ATHLETIC TRAINING 1 CP  
3621 \*ATHLETIC TRAINING 2 HONORS  
3631 STRENGTH & CONDITIONING 1 CP  
3641 \*STRENGTH & CONDITIONING 2 HONORS

## SCIENCE

2201 INTEGRATED LAB SCIENCE CP  
2203 INTEGRATED LAB SCIENCE/RESEARCH CP  
2204 \*INTEGRATED LAB SCIENCE HONORS  
2208 INTEGRATED LAB SCIENCE  
2211 BIOLOGY CP  
2213 BIOLOGY RESEARCH CP  
2214 BIOLOGY HONORS  
2215 \*\*BIOLOGY AP  
2218 BIOLOGY  
2221 ENVIRONMENTAL SCIENCE CP  
2223 ENVIRONMENTAL SCIENCE RESEARCH CP

2228 ENVIRONMENTAL SCIENCE  
2231 CHEMISTRY CP  
2234 \*CHEMISTRY HONORS  
2235 \*\*CHEMISTRY AP  
2241 PHYSICS CP  
2244 \*PHYSICS HONORS  
2245 \*\*AP PHYSICS 1: ALGEBRA BASED  
2254 \* PHYSICS 2 HONORS  
2261 ANIMAL SCIENCE CP  
2271 FORENSIC SCIENCE CP  
2291 ANATOMY/ PHYSIOLOGY 1 CP  
2301 ANATOMY / PHYSIOLOGY II CP  
2311 EXP SCI THROUGH LIT CP

## SOCIAL STUDIES

2501 WORLD HISTORY CP  
2504 \*WORLD HISTORY HONORS  
2511 US HISTORY 1 CP  
2514 \*US HISTORY 1 HONORS  
2518 US HISTORY 1  
2523 US HISTORY 2 RESEARCH CP  
2528 US HISTORY 2  
2556 \*\*ADMINISTRATION OF JUSTICE DC  
2571 SOCIOLOGY CP  
2591 FINANCIAL LITERACY CP  
2611 REEL HISTORY  
2628 INTRO TO PSYCHOLOGY CP

2503 WORLD HISTORY RESEARCH CP  
2508 WORLD HISTORY  
2513 US HISTORY 1 RESEARCH CP  
2515 \*\*AP WORLD HISTORY  
2521 US HISTORY 2 CP  
2525 \*\*AP US HISTORY  
2545 \*\*AP US GOV. & POLITICS  
2561 STREET LAW CP  
2586 \*\*HUMAN RIGHTS DC  
2598 FINANCIAL LITERACY  
2621 INTRO TO PSYCHOLOGY CP





# COURSE OFFERINGS

## STEM ACADEMY

4677\*\* STEM ART DC  
6507 \*\* PRINCIPLES OF ENGINEERING DC  
6517\*\* INTRO TO ENGINEERING DESIGN  
HONORS

6527\* ENGINEERING DESIGN &  
DEVELOPMENT  
6537\*\* DIGITAL ELECTRONICS DC

## SPECIAL EDUCATION

70 10 HISTORY  
7030 MATH  
7050 READ 180 9  
7070 VOCATIONS

7020 LANGUAGE ARTS  
7040 READ 180 10-12  
7060 SCIENCE  
7080 READ 180 S

## SERVICE COURSES

7504 \* PEER LEADER HONORS

7524 \* SENIOR MENTORING HONORS

## WORLD LANGUAGE

3101 FRENCH 1 CP  
3121 FRENCH 3 CP  
3111 FRENCH 2 CP  
3134 \*FRENCH 4 HONORS  
3135 \* FRENCH 5 HONORS  
3218 SPANISH 1  
3211 SPANISH 1 CP  
3221 SPANISH 2 CP  
3231 SPANISH 3 CP  
3236 \*\*SPANISH 3 DC

3244 \*SPANISH 4 HONORS  
3246 \*\* SPANISH 4 DC  
3318 LATIN 1  
3311 LATIN 1 CP  
0321 LATIN 2 CP  
3336 LATIN 3 DC  
3346 \*\*LATIN 4 DC  
3401 AMERICAN SIGN LANGUAGE 1 CP  
3411 AMERICAN SIGN LANGUAGE 2 CP  
3260 SUPPLEMENTAL ESOL SEMESTER





# ACADEMY COURSE DESCRIPTIONS

ALL COURSES ARE 5 CREDITS UNLESS OTHERWISE NOTED





# ACADEMY OVERVIEW

Incoming 9th grade students can apply to take part in ANY ACADEMY course progression.

Please note that all Academy courses are taught at an Honors level.

## AGRICULTURE

The courses recognize and teach the career opportunities and the Agra-Science skills required for different occupations. Emphasis is placed on permanent job employment or continuation of Agricultural studies in college. Students are encouraged to participate in the co-curricular student organization known as FFA, a national organization for agricultural education students. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth, and career success through agricultural education. Students in the Agriculture Education program will also take part in a Supervised Agriculture Experience (SAE) project with emphasis on entrepreneurship, job placement, (paid and non-paid), or research as there are many specialized areas of agricultural education.

## BIOMEDICAL

The Biomedical Academy is a progression of courses that utilize Project Lead the Way (PLTW) curriculum. Working with the same tools used by professionals in hospitals and labs, PLTW Biomedical Science students step into the roles of medical investigators, surgeons, microbiologists, geneticists, and biomedical engineers. They explore realistic situations like investigating the death of a fictional person and analyzing prevention, diagnosis, and treatment of disease. The program's collaborative, hands-on explorations inspire students to discover the diversity of biomedical science careers and empower them to develop the knowledge and skills to make their life-changing ideas a reality.

## BUSINESS ACADEMY

The Business Academy is a progression of courses that include MBA Research Curriculum. The Microsoft Office & Keyboarding class helps students build skills needed for the Business Coursework. Student selected for the Business Academy is that he or she will take honors-level Economics, Marketing, Management, and Finance courses each school year. The goal for a Business Academy student is to successfully complete a college-like business administration program of study with the opportunity to earn college credit options. Students in the Business will be part of the Future Business Leaders of America (FBLA) and participate in competitions, conferences, and other events.







# ACADEMY OVERVIEW

## DRAMATIC ARTS

Placement into the Dramatic Arts Academy is contingent upon the completion of an application and participation in the audition process. Cumberland Regional High School's Dramatic Arts Academy is a four year, comprehensive program designed to foster students' personal, intellectual, and social development, while arming them with skills and experiences necessary for potential future careers in the performing arts. Students will be able to take part in several events including the fall play, spring musical, statewide dramatic competitions, and academy showcases. An articulation agreement is in place with Rowan University and Rowan College of South Jersey, whereby students can earn dual credit for college while enrolled in high school classes. Additionally, guest artist residencies and partnerships are a staple of the program. Partnerships exist with Rowan University, Rowan College of South Jersey, Philadelphia Shakespeare Theatre, Walnut Street Theatre, Appel Farm, Paper Mill Playhouse, Montclair State University, NJ Thespians, 29 STANJ, and more

## INFORMATION TECHNOLOGY (IT)

The IT Academy course sequence begins with Introduction to Computer Programming and progresses through Visual Basic, Advanced Visual Basic/Pascal, Advanced Pascal/C++, Programming in JAVA, and Web Development. Students can earn college credits through Rowan College of South Jersey for successful completion of Advanced Visual Basic/Pascal and Advanced Pascal/C++. The computer languages sequence begins with Introduction to Computer Programming, which can be taken as an elective course or the first IT Academy Course. Students are encouraged to complete a sequence of courses to develop a strong foundation in skills that could become the basis for future study as well as rewarding employment.

## JUSTICE STUDIES

The Justice Studies Academy will provide students with an interest in law enforcement, corrections, and the legal system the opportunity to develop an understanding of the history and functions of the legal system, the role of law in society, the impact of societal changes on the law, and their role as citizens. Courses have been selected and designed to provide students with real-life experiences, opportunities to explore career options, and to develop critical-thinking and problem-solving skills.

## SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

The STEM Academy is a progression of courses that include utilization of the Project Lead the Way Curriculum. The STEM Art class helps students build skills needed for the STEM Coursework. Incoming 9th grade students can apply to take part in the course progression. If accepted into the program, a student selected for the STEM Academy expects to take Honors-level Science and Math courses each school year. The goal for a STEM Academy student is to successfully complete Advanced Placement (AP) Calculus AB and Science(s). Students in the STEM Pathway will be part of the Technical Student Association (TSA) and can compete in competitions.





# AGRICULTURE ACADEMY



## INTRODUCTION TO AG/FOOD/NATURAL RESOURCES HONORS ACADEMY

This science-based course is designed to introduce students to the world of agriculture. While surveying the opportunities available in agriculture and natural resources, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. This class can count as a third laboratory science required for graduation.

## PRINCIPLES OF AGRICULTURAL SCIENCE / PLANT DC

Students will learn the characteristics of plant science and work on major projects and problems like those that plant science specialists. This course will be offered as a dual credit course with Delaware Valley University and Rutgers University.

**Pre-requisite:** Intro to AG/Food/Natural Resources Academy

## PRINCIPLES OF AGRICULTURAL SCIENCE / ANIMAL DC

In this course, students will develop a 22 Producer's Management Guide for an animal of their choice. Student experiences involve the study of animal anatomy, physiology, behavioral health, nutrition, reproduction, selection, and marketing. **Pre-requisite:** Intro to AG/Food/Natural Resources Academy

## FOOD SCIENCE AND SAFETY DC

Students will investigate areas of food science including food safety, food quality, food chemistry, food processing, food product development, marketing, and consumer behavior. This course will be offered as a dual-credit course with Delaware Valley University and Rutgers University. Upon completion of the first three courses in this pathway, students can earn 8 credits from Delaware Valley University.

**Pre-requisite:** Principles of Agriculture Science Animal DC or Principles of Agriculture Science Plant DC

## AGRICULTURAL RESEARCH AND DEVELOPMENT CP

Agricultural Research and Development is the capstone course designed to culminate students' experiences in agriculture. Woven throughout the course are projects and problems based in practical applications and designed to develop and improve employability skills of students.

**Pre-requisite:** Food Science and Safety DC





# BIOMEDICAL ACADEMY

## PRINCIPLES OF BIOMEDICAL SCIENCE HONORS

In the introductory course, students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. **Students should have had Biology or be taking it concurrently with Principles of Biomedical Science Honors.**

## HUMAN BODY SYSTEMS HONORS ACADEMY

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students build organs and tissues on a skeletal Manikin®; use data acquisition software to monitor body functions and take on the roles of biomedical professionals to solve real-world medical cases.

**Pre-requisite: Principles of Biomedical Science Honors**

## MEDICAL INTERVENTIONS HONORS ACADEMY

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and how to prevail when the organs of the body begin to fail. It is recommended that students successfully complete Chemistry before taking this course.

**Pre-requisite: Human Body Systems Honors Academy.**

## BIOMEDICAL INNOVATIONS HONORS ACADEMY

In the final course, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. They can work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

**Pre-requisite: Medical Innovations Honors Academy.**







# BUSINESS ACADEMY

## BUSINESS AND COMPUTERS I: MICROSOFT & KEYBOARDING HONORS

Students will begin working on building basic keyboarding skills. Emphasis will be placed on learning the various applications of Microsoft Office. Elements of business education are infused throughout the projects to prepare students for future success in any chosen pathway.

## BUSINESS AND COMPUTERS II: BUSINESS & ECONOMICS HONORS

Principles of Business develops student skills in business law, economics, financial analysis, human resources, information management, marketing, operations, and management. In Business Economics, consumer spending, government policies, economic conditions, legal issues, and global competition are addressed. **Prerequisites: Business and Computers I Honors.**

## BUSINESS AND COMPUTERS III: MARKETING & MANAGEMENT HONORS

Why would Volkswagen choose an email campaign over a television commercial? How does Nike determine its pricing strategy? Projects in the course will challenge you to analyze the business world around you, work through key marketing decisions. **Prerequisites: Business and Computers II Honors.**

## BUSINESS AND COMPUTERS IV: FINANCE & STRATEGIES & HONORS

You'll learn first-hand how to manage project and people—and how to do it ethically and legally. Using the smarts gained in previous High School of Business™ courses, you'll writing a real business plan and tackle problems real business professionals face, such as interviewing, hiring and supervising, keeping financial records, and evaluating results. **Prerequisites: Business and Computers III Honors.**





# DRAMATIC ARTS

## ACADEMY

### DRAMATIC ARTS 1 HONORS ACADEMY

In this course, academy students will be introduced to the foundations of dramatic arts. In this fast-paced, hands-on course, students will explore improvisation, acting, character development, voice production and articulation, technical theatre, ancient theatre history, and theatre criticism.

### DRAMATIC ARTS 2 DC ACADEMY

In this course, students will explore the business of theatre, acting techniques, Medieval and Renaissance theatre, technical theatre, movement and physicality, and musical theatre. In addition, students will experience extensive partner scene work for competition and end-of-year showcase purposes. **Prerequisites: Dramatics Arts 1 DC Academy**

### DRAMATIC ARTS 3 DC ACADEMY

This course will be performance-based and will expose students to advanced acting techniques and styles. To demonstrate the culmination of skills learned, students enrolled in this course will participate in the organization and performance of a children's theatre production that will tour the constituent districts. Rehearsal time after school MAY be required for this course. This course will be offered as a dual-credit course with Rowan College of South Jersey and Rowan University. **Prerequisites: Dramatics Arts 2 DC Academy**

### DRAMATIC ARTS 4 DC ACADEMY

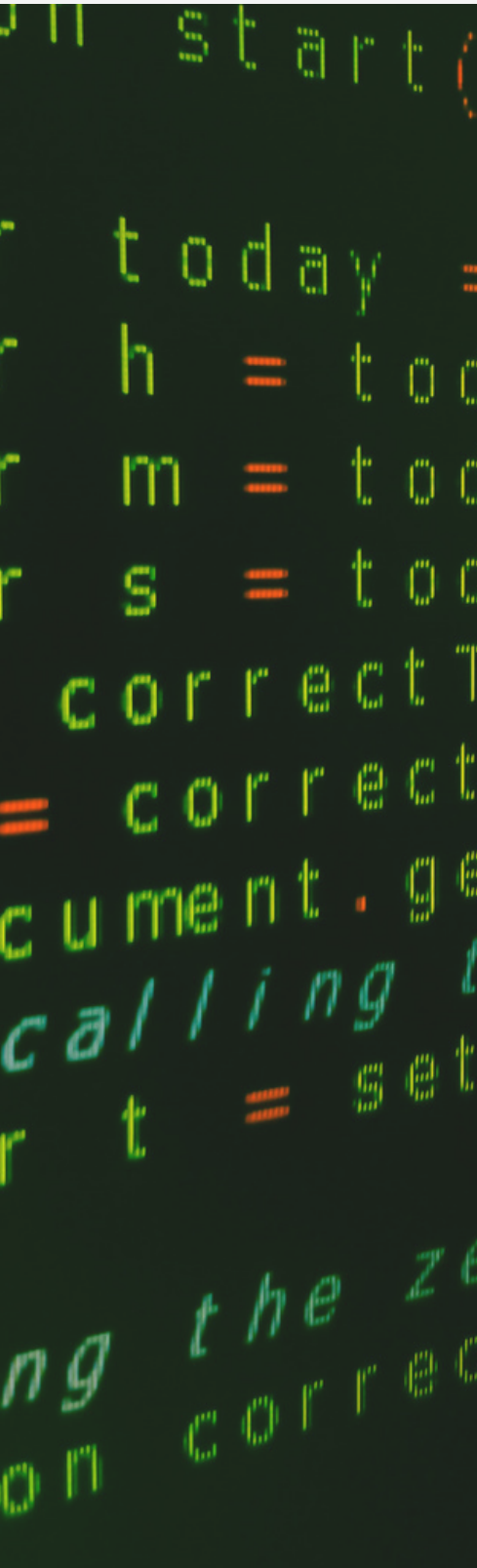
In this advanced-level course, students will be exposed to theatrical research, critique, and dramaturgy; play study; theatre history and directing for the stage. To demonstrate the culmination of skills learned, students will participate in the organization and performance of a theatrical production for the public. Students will also direct and perform in one-act plays for performance at the end-of-year showcase. Rehearsal time after school MAY be required for this course. This course will be offered as a dual-credit course with Rowan College of South Jersey and Rowan University. **Prerequisites: Dramatics Arts 3 DC Academy**







# INFORMATION TECHNOLOGY ACADEMY



## INTRODUCTION TO COMPUTER PROGRAMMING HONORS ACADEMY

This is an introductory course in computer programming. The QBasic Language will be taught, together with the algorithm and programming commands necessary for students to develop and write programs using a variety of structures.

## VISUAL BASIC HONORS ACADEMY

This course is an introduction and allows students to learn how to create real-world applications for Microsoft Windows. Students will be able to create Windows applications like those used by organizations worldwide daily.

**Pre-requisite:** Intro to Computer Programming Honors or Computer Essentials

## ADVANCED VISUAL BASIC DC ACADEMY

This course emphasizes advanced controls and structures found in object-oriented programming. For students interested in computer careers, this course will provide a strong background with the skills necessary to continue at the college level. A dual credit agreement has been established with Rowan College of South Jersey for CS111 Computer Science 1.

**Pre-requisite:** Algebra 1, and Visual Basic Honors Academy

## C++ DC ACADEMY

This course emphasizes advanced logic and problem-solving skills using high-level structured programming languages. The second half of this course will be devoted to beginning C++. A dual-credit agreement has been established with Rowan College of South Jersey for C++ Programming.

**Pre-requisite:** Advanced Visual Basic DC Academy

## PROGRAMMING IN JAVA HONORS ACADEMY

Students will develop competence in a new structured programming language commonly used to control many current-day applications such as those used in websites, games, cell phones, kiosks, GPS systems, digital television, and cameras.

**Pre-requisite:** Advanced Visual or C++





# JUSTICE STUDIES ACADEMY

## INTRODUCTION TO JUSTICE STUDIES HONORS ACADEMY

The course will provide students with a foundation in the history of western law, historical legal documents, and the legal system. Students will explore careers in law enforcement, corrections, and multiple careers in the legal system. Multimedia resources and guest speakers will be an integral part of the course.

## STREET LAW HONORS ACADEMY

This course will provide students with a foundation in criminal law, civil law, juvenile justice, court procedures, and the jury system. The curriculum includes case studies, debates, mock trials, role-plays, small group exercises, and visual analysis activities.

**Prerequisite: Introduction to Justice Studies Honors Academy.**

## SOCIOLOGY HONORS ACADEMY

This course will introduce students to the study of social groups and human interaction. We will examine a wide variety of groups and social processes that enable us to function as a society. Topics include in-depth analysis of culture, social structure, social deviance and control, and inequalities in race, ethnicity, gender and age, as well as researching/presenting major agents of socialization.

**Prerequisite: Street Law Honors Academy**

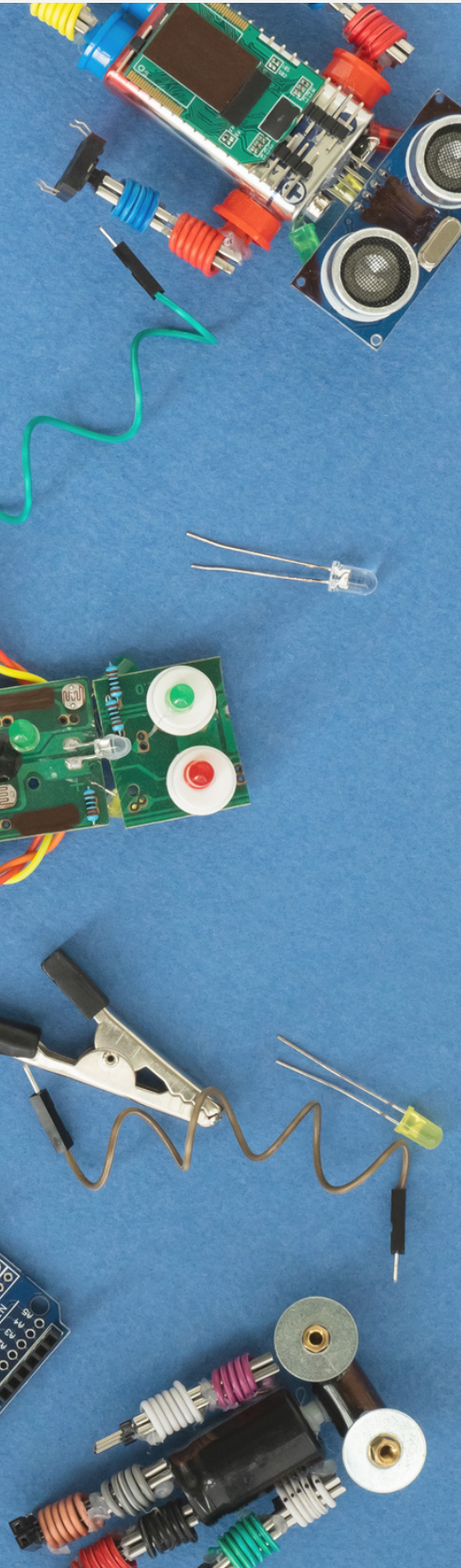
## ADMINISTRATION OF JUSTICE DC ACADEMY

In this course, study will include all aspects of crime and the ways that society reacts to crime, as well as the individual and social conditions that may lead to criminal behavior. Students will examine the historical, political, economic, and cultural patterns that influence how crime is defined, and which shape society's policies and institutions.

Administration of Justice may be taken as a dual-credit course with Rowan College of South Jersey.

**Prerequisite: Sociology Honors Academy..**

# STEM ACADEMY



## STEM ART DC

Innovation is a hallmark of success in STEM and in Art and drives quantum advances in all fields. Units of study in this course include Art Elements; Botanical Studies; the Science of Glass; the History of Painting Clay and the Science of Glazing; Metal Tooling and Enameling; Color and Light; and Animation.

**This course fulfills the fine art graduation requirement.**

## INTRODUCTION TO ENGINEERING DESIGN (IED) HONORS

This course focuses on the design process and its application. Students apply engineering standards and document their work. Students use industry-standard, 3D-modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and communicate solutions to peers and members of the professional community.

## DIGITAL ELECTRONICS (DE) DC

Digital electronics is the foundation of all modern electronic devices such as smartphones, laptop computers, digital cameras, and high-definition televisions. Students are introduced to the process of combinational and sequential logic design, engineering standards, and technical documentation.

**Pre-requisite: STEM Art DC and Introduction to Engineering Design Honors.**

## PRINCIPLES OF ENGINEERING (POE) DC

Students explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation. Upon successful completion of the first 3 courses in this pathway with a "B" or better, students can earn 3 credits from Rowan College of South Jersey for (ENR 207) Engineering Materials.

**Pre-requisite: Digital Electronics DC**

## ENGINEERING DESIGN AND DEVELOPMENT (EDD) HONORS

The skills students acquire throughout the STEM Academy come together in EDD as they identify an issue and then research, design, and test a solution, ultimately presenting their solution to a panel of engineers. **Pre-requisite: Principles of Engineering DC**







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# GENERAL COURSE DESCRIPTIONS

ALL COURSES ARE 5 CREDITS UNLESS OTHERWISE NOTED





# FINE & PERFORMING ARTS

Art is open to every student at CRHS to enjoy. The experience of visualizing and responding to art provides an essential ingredient for humanistic education. Our art program offers diversified courses to allow for creative self-expression. A wide variety of subject matter is covered including drawing, painting, sculpture, printmaking, calligraphy, crafts, digital design, and ceramics.

ALL STUDENTS ARE REQUIRED  
TO COMPLETE AT LEAST  
1  
FINE & PERFORMING ART COURSE.

(ART, DRAMA, MUSIC)







# FINE ARTS

## ART 1 CP

This core course teaches skills including basic drawing and shading, color theory, perspective, painting theory and application, calligraphy, and art history and appreciation, which form the solid foundation needed for further study in the visual arts. This class will meet the fine a performing art graduation requirement.

## ART 2 CP

This course is a continuation and further exploration of the basic art skills learned in Art 1 CP. It helps students expand their knowledge and experience in the areas of drawing, painting, printmaking, two- and three-dimensional design, graphic design, computer technology, textile design, and architecture. Art history and art vocabulary terms will be included with each area of study. **Pre-requisite: Art 1 CP**

## DIGITAL PHOTOGRAPHY & DESIGN CP

This course focuses on the many applications of digital photography and the products created after the photographs are printed. Photographs are altered and enhanced using the latest art software programs such as Lightroom and Photoshop. We will explore the 31 different careers and vocations associated with Digital Photography and Design and create professional products with commercial value. **Prerequisite: Art 1 CP (B or higher)**

## STUDIO ART HONORS

This honors course is designed for art students that love art and want to continue illustration, painting and design. The assignments are varied to include traditional media as well as digital media and photography. The studio design student will leave with a professional portfolio for possible entrance into an art school or finding freelance opportunities in the field. **Prerequisites: Art 1 CP (B or higher) and at least one other Art Course (B or higher)**





# FINE ARTS



## Ceramics 1 CP

Ceramics I is an introduction to clay as well as an introduction to the three hand-building techniques and the pottery wheel. Students will study ceramics from a variety of cultures. Projects consist of sculpture and functional pottery such as plates, cups, and bowls. Sketchbooks, tests, written work, as well as a digital portfolio will be used to reinforce all skills learned.

**Pre-requisite: Art 1 CP**

## Ceramics 1 Dual Credit

Ceramics I is an introduction to clay as well as an introduction to the three hand-building techniques and the pottery wheel. Students will study ceramics from a variety of cultures. Projects consist of sculpture and functional pottery such as plates, cups, and bowls. Sketchbooks, tests, written work, as well as a digital portfolio will be used to reinforce all skills learned. Students who successfully complete this course can earn college credits for CR102 at Rowan College of South Jersey. Payment to RCSJ is required to earn college credits. **Prerequisite: Art 1 CP**

## Ceramics 2 CP

In Ceramics II, students will build on skills learned in Ceramics 1 CP. Extensive and advanced wheel throwing, advanced hand building, and new equipment/tools and techniques will be explored. As a studio class, emphasis will be placed on creativity, design, production, and ongoing self-evaluation as students gain confidence and mastery with materials.

**Prerequisite: Ceramics 1 CP**

## Ceramics 2 Dual Credit

In Ceramics II, students will build on skills learned in Ceramics 1 CP. Extensive and advanced wheel throwing, advanced hand building, and new equipment/tools and techniques will be explored. Students who successfully complete this class can earn college credits for CR101 at Rowan College of South Jersey.

Payment to RCSJ is required to earn college credits.

**Prerequisite: Ceramics 1 Dual Credit**





# PERFORMING ARTS

## DRAMATIC ARTS AND PUBLIC SPEAKING CP

Dramatic Arts and Public Speaking will give students practical, "hands-on" experience in various elements of theatre. This unique elective also includes extensive lessons in various public speaking experiences, including mock interviews, persuasive speeches, 40 debate speeches, and more. The public speaking aspect of this course will allow students to learn to speak more effectively and confidently. Participation in all activities is a requirement. The end-of-course project involves rehearsing and performing a given scene with a partner. This elective is open to ALL students.

## ADVANCED DRAMATIC ARTS AND PUBLIC SPEAKING CP

This course is designed to build on the basic skills and techniques learned in Dramatic Arts and Public Speaking. Students will perform scenes from various periods in theatrical history and explore characters and space through improvisation. Students will also be exposed to advanced-level public speaking skills and tasks that will prepare them for success in the 21st century. **It is strongly recommended that students take Dramatic Arts and Public Speaking before enrolling in this course.**







# PERFORMING ARTS

## GUITAR LESSONS 1 CP

This course is for any student who wishes to learn to play the guitar, from beginner to advanced. Concepts explored will be chord progressions, melody, bass lines, barre chords, note reading, major scales, and fingerpicking. .

## GUITAR LESSONS 2 CP

In Guitar II, students will further their knowledge of the instrument. Concepts explored will be chord progressions in blues, jazz, and pop idioms. Advanced note reading, upper position playing, and music theory related to playing skills will also be studied. Students are required to participate in the evening concert.

**Prerequisite: Guitar Lessons 1 CP .**

## PIANO LAB CP

This course is designed for all students who have the desire to play the piano, from beginner to advanced. Students will learn to comprehend the fundamentals of piano music, which includes basic playing, and note-reading skills. A variety of musical literature at various levels will be studied.

## PIANO LAB 2 CP

In Piano Lab II, students will move to the Level 2 Lesson Book, while also learning to comprehend more advanced piano music, acquiring sight-reading skills, and exposure to the art of accompanying singers and choral groups. Each student will play a piece from the Baroque, Classical, Romantic, and Contemporary periods. Students are required to participate in the evening concert

**Prerequisite: Piano Lab 1**





# PERFORMING ARTS

## MIXED CHORUS CP

This choral group is for the beginning singer and music student. Correct tone production and development of basic singing skills are the principal goals. A variety of musical styles will be studied. After-school rehearsals will be scheduled as needed. Students are required to participate in the evening concert



## BAND and/or CONCERT CHOIR CP

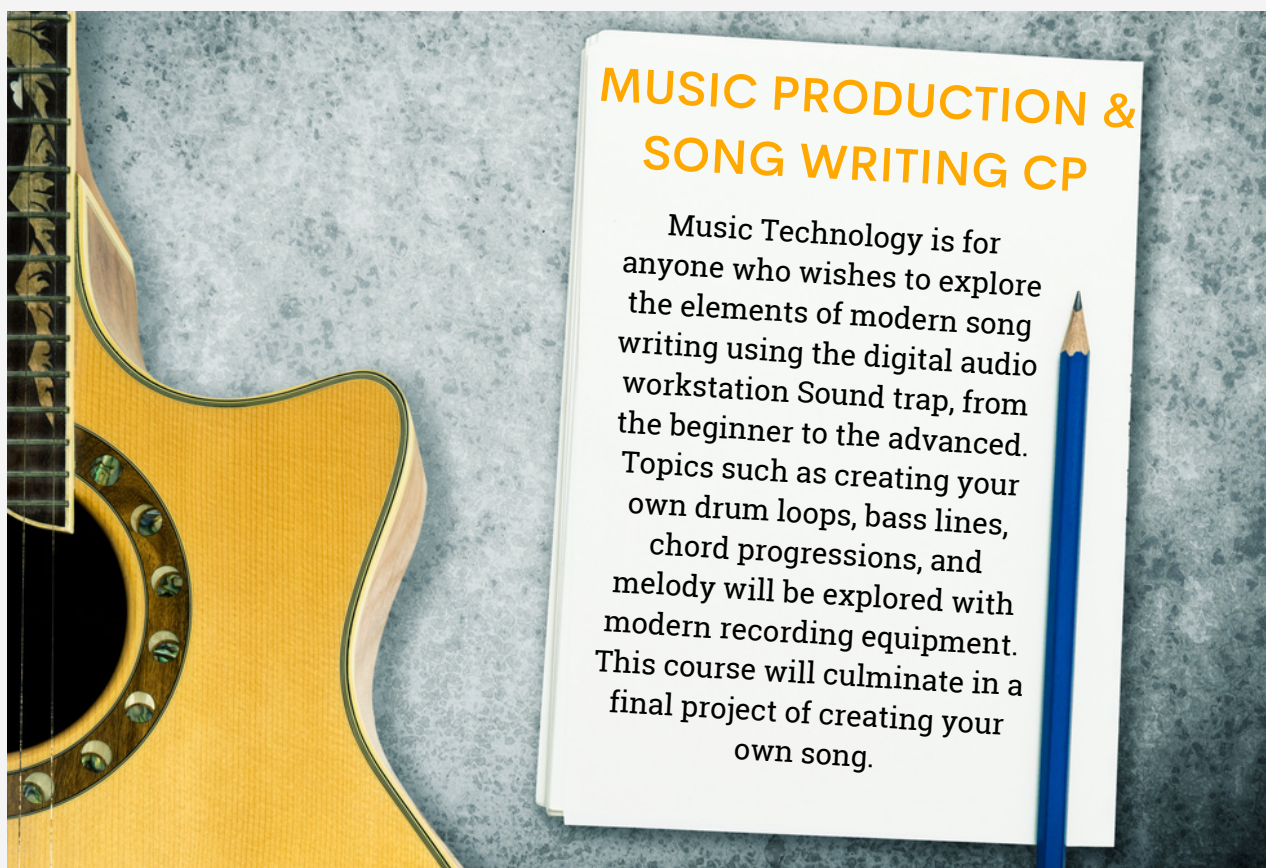
Students taking this course may either only learn band, only learn concert choir, or have the option of learning both. The purpose of this class is to develop musical skills. Developing musical skills will allow students to study repertoire appropriate for the high school setting and beyond. Concert band is the core ensemble learning experience for any instrumental music program and concert choir is the cornerstone for any choral program. Students can transfer skills and techniques between different ensemble environments such as marching band and the school musical. Students are asked to supply their own instrument. The music department does have a limited supply for those students who do not own one.





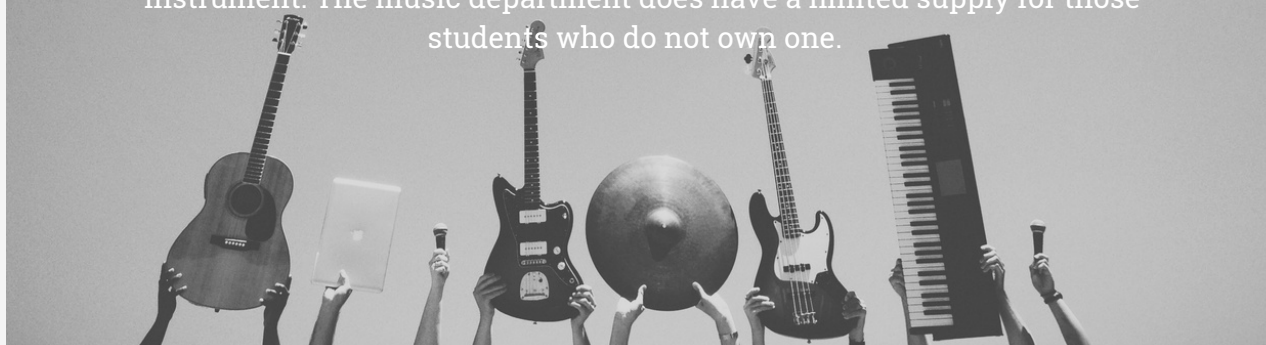


# PERFORMING ARTS



## INSTRUMENTAL LESSONS

The purpose of this course is to provide brass, woodwind, and percussion lessons to students who wish to gain more experience with their instrument. This is a mandatory course for anyone who is involved in PEP Band but is also open to all students. This course is a non-credited/non-graded course added in addition to a full four class course load. Lessons are 30min once a week during the student's lunch time. Students are asked to supply their own instrument. The music department does have a limited supply for those students who do not own one.







# LANGUAGE ARTS

The Language Arts program promotes the achievement of three primary objectives: To foster students' mastery of communication skills including listening, speaking, reading, writing, and technology; to acquaint students with the structure and functioning of the

English language; and to expose students to a range of literature such that they may understand their own world, conjure up new ones, and be encouraged to read further. ALL students will be required to read the One Book One School selection as part of the Summer Reading Program. All students enrolled in Honors Language Arts classes will be required to read a book during the summer. The Language Arts program is divided into three strands to best serve the diverse desires and learning styles of our students. In order to cover all the NJ Student Language Arts Learning Standards, it is important to take courses in proper progression Language Arts 1 through 4.

ALL STUDENTS ARE REQUIRED  
TO COMPLETE AT LEAST  
LANGUAGE ARTS 1-4.





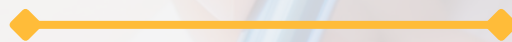
# LANGUAGE ARTS

## LANGUAGE ARTS 1 CP OR RESEARCH CP

This course concentrates on the fundamentals of oral and written communication through public speaking, required composition, specific projects in vocabulary building, and grammatical usage, spelling and punctuation. Students will be introduced to several literary genres within works of fiction and non-fiction: the short story, novel, drama, essay, biography, and poetry.

## LANGUAGE ARTS 1 HONORS

In addition to the material outlined in Language Arts 1, this course will emphasize the creative use of language arts, independent research, and a wider range of literature. This course requires an "A" average in the related academic courses in seventh and eighth grade and the recommendation of the eighth-grade teacher. **Students must meet the Honors Program Requirement to progress to the next-level honors class including summer reading assignment.**



## LANGUAGE ARTS 2 CP OR RESEARCH CP

This course continues the development of communication skills at a somewhat more complex level. Formal composition and speaking skills will be emphasized. The literature program will focus upon the works of world authors from a cultural as well as a literary perspective. Research techniques will be addressed in greater depth.

## LANGUAGE ARTS 2 HONORS

In addition to the basic material outlined in Language Arts 2 CP, this course will emphasize the creative use of language arts, independent research, and a wider range of literature. It is required that the core course Language Arts 1 Honors or Language Arts 1 CP (meeting honors criteria standards) be taken before students elect this course. **Students must meet the Honors Program Requirement to progress to the next-level honors class including summer reading assignment.**





# LANGUAGE ARTS

## LANGUAGE ARTS 3 CP OR RESEARCH CP

Language Arts 3 course reviews the oral and written communication skills and introduces more complex concepts that students will need to pursue their career goals. Formal composition will be an integral part of this course. Research and study skills are examined again. An independent research paper or project will be assigned.

## LANGUAGE ARTS 3 HONORS

Language Arts 3 Honors will cover the material outlined in Language Arts 3 CP with greater detail placed on developing higher cognitive and critical thinking skills, and independent research projects. **Students must meet the Honors Program Requirement to progress to the next-level honors class including summer reading assignment.**

## LANGUAGE ARTS 4 CP OR RESEARCH CP

The fourth year again focuses on communication skills as a requisite to the development of articulate individuals in command of the English language. Content will consist of representative works from classical authors as well as a chronological survey of European literature. A quality research paper or project is required, demanding competent research skills and techniques developed in the core course of Language Arts 3 CP, which must be taken first.

## AP ENGLISH LANGUAGE AND COMPOSITION

As described by the College Board, the AP Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. Upon completion of the course, students may be eligible for college credits at Rowan of South Jersey or by taking the AP exam and achieving a score accepted by their college or university of choice.





# LANGUAGE ARTS

## AFRICAN AMERICAN LITERATURE CP

The goal of this elective is to develop an appreciation and awareness of African American literature, as well as to enable students to continue to teach themselves about African American literature and culture after taking the class. Poetry, narratives, drama, novels, folktales, and speeches are just some of the types of literature to be explored.



## CREATIVE WRITING CP

"Students will learn to write poems by reading selected poems, engaging in writing exercises, revising early drafts of poems, and critiquing one another's writing, giving encouraging and constructive feedback. Students will also explore fiction writing, examining published short stories to unlock the elements of engaging fiction and then, using those elements, students will write original short stories."



## FANTASY, SUSPENSE, and SCIENCE FICTION CP

In this course, students will explore the major themes of *Frankenstein*, *Dracula*, and *The Strange Case of Doctor Jekyll and Mr. Hyde* as well as shorter works focusing on computers, robots, time travel, extraterrestrial life, and "the end of the world." Students will be encouraged to create their own original works of fantasy, horror, and/or science fiction.







# LANGUAGE ARTS



## HARRY POTTER AND THE SEMESTER OF SERVICE HONORS

Harry Potter and the Semester of Service is about how reading can promote social action. Although a fantasy series, Harry Potter's story is about how one person can create change to make the world a better place. Through reading the series and engaging in service projects and research, students will be able to identify problems, research possible solutions, and create and implement a plan of action, all while engaging in meaningful discourse about the novels and how our world connects to that of Harry Potter's.



## TECHNICAL COMMUNICATION CP

The purpose of this writing-intensive course is to prepare students for college and careers by improving their written and verbal communication skills for the workplace. Students will be able to work collaboratively and individually to produce texts differentiated for specific audiences and varied purposes. Students will learn how to create documents such as reports, newsletters, and presentations with maximum visual impact, and learn how to write professional letters, emails, and resumes that get results.



## YEARBOOK CP

In this cross-curricular, project-based class, students work collaboratively by using technology such as digital cameras, photo-editing software, and online design software to digitally produce the CRHS yearbook. In this college- and career-ready course, students think critically to meet deadlines, track goals, and utilize multimedia to market and disseminate information that aligns with and models an actual business. This course may be taken twice by a student.

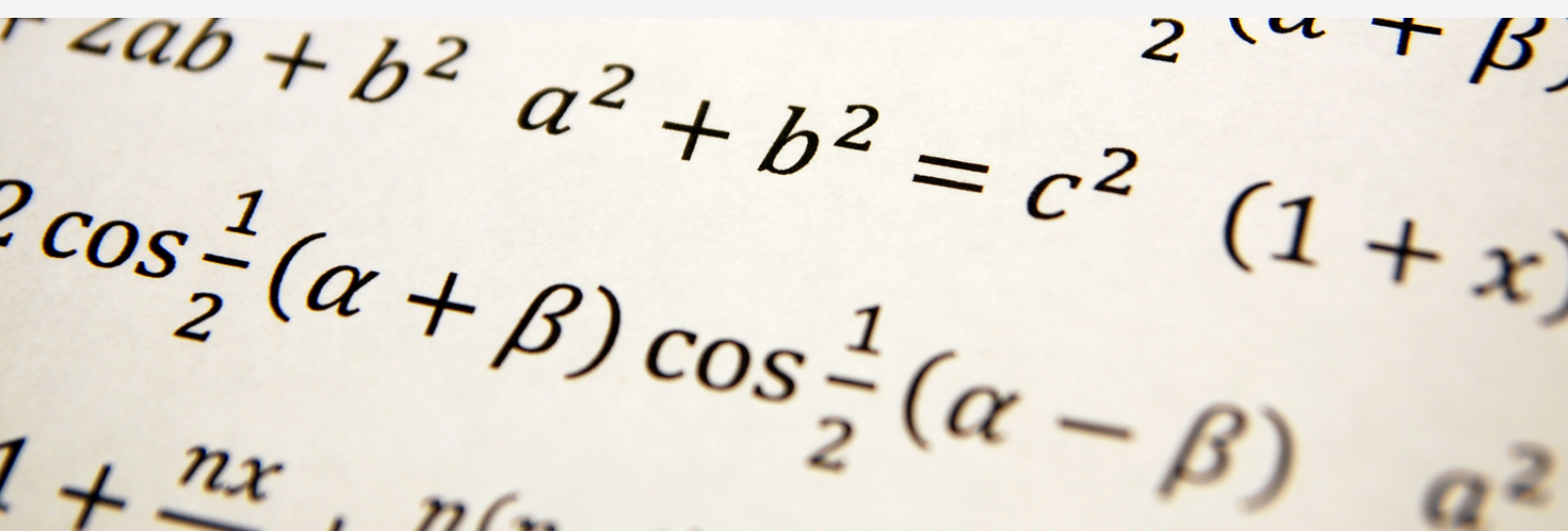




# MATHEMATICS

The core mathematics courses, Algebra 1 and Geometry, are aligned with the New Jersey Student Learning Standards. Students enrolled in these courses will either take the NJSLA test for Algebra 1 or Geometry. Students are required to take a third mathematics course that extends on the content learned in Algebra 1 and Geometry. A calculator is recommended for math courses.

ALL STUDENTS ARE REQUIRED  
TO COMPLETE AT LEAST  
3 MATH COURSES INCLUDING  
ALGEBRA AND GEOMETRY.







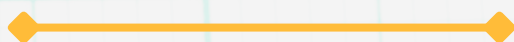
# MATHEMATICS

## ALGEBRA 1 CP

Algebra 1 CP is aligned to the New Jersey Student Learning Standards. Students enrolled in this course will take the Algebra I NJSLA test. **Students who successfully completed Algebra 1 in 8th grade are not required to take this course.**

## ALGEBRA 1 APPLICATION CP

Algebra 1 Application CP is aligned to the New Jersey Student Learning Standards. Students enrolled in this course will take the Algebra I NJSLA test. Students who successfully completed Algebra 1 in 8th grade are not required to take this course. **Prerequisite: Scored a 90 or above on the CRHS Algebra 1 Applications Assessment**



## GEOMETRY

Geometry CP is aligned to the New Jersey Student Learning Standards. **Prerequisite: Algebra 1 CP**

## GEOMETRY APPLICATIONS CP

Geometry Applications CP is aligned to the New Jersey Student Learning Standards. Students enrolled in this course will take the Geometry NJSLA test. **Prerequisite: Algebra 1 in 8th Grade, CRHS Algebra 1 CP with a 90+ with teacher recommendation, or CRHS Algebra 1 Applications CP**

## GEOMETRY APPLICATIONS CP

Geometry Honors is aligned to the New Jersey Student Learning Standards. Students enrolled in this course will take the Geometry NJSLA test. Students must meet the Honors Program Requirement to progress to the next-level honors class. **Prerequisite: Algebra 1 in 8th Grade with a 90+ with teacher recommendation or CRHS Algebra 1 Applications CP with a 90+ with teacher recommendation**





# MATHEMATICS



## COLLEGE MATH CP

College Math is aligned with the six domains of the New Jersey Student Learning Standards in Mathematics: Number and quantity, algebra, functions, modelling, geometry, statistics and probability. NJSLA assessment results will be used to tailor instruction to the student's individual needs. Students will learn strategies and content to better prepare themselves for the October administration of the PSAT and Accuplacer. A portfolio will be created if needed to meet state testing requirements. This course may count as a student's third Math course.



## MATH IN ACTION CP

Math in Action is an elective math course that incorporates and builds on skills from Algebra 1 and Geometry for students to engage with content based on real world applications. This course may count as a student's third Math course. **Prerequisite: Geometry.**



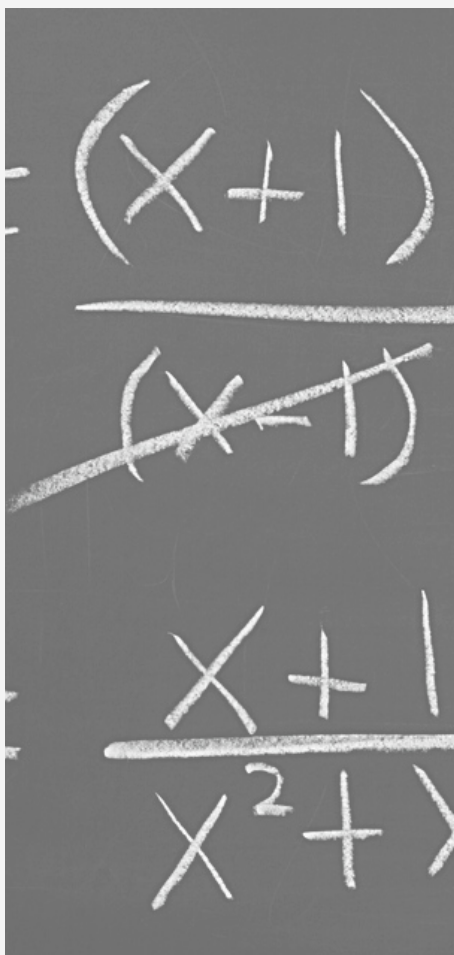
## MATH IN SPORTS CP

Sports in Math is an elective math course that incorporates and builds on skills from Algebra 1 and Geometry for students to engage with content based on sports applications. This course may count as a student's third Math course. **Prerequisite: Geometry.**





# MATHEMATICS



## ALGEBRA 2 CP

Algebra 2 CP is an upper-level math course that extends on the content learned in Algebra 1 and Geometry. **Prerequisite: Geometry.**

## ALGEBRA 2 APPLICATION CP

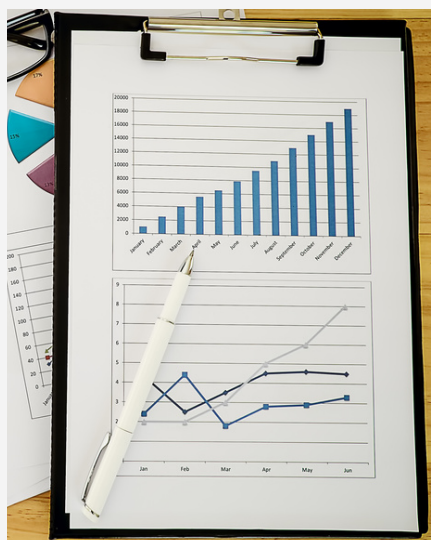
Algebra 2 Applications CP is an upper-level math course that extends on the content learned in Algebra 1 and Geometry.

**Prerequisite: Geometry Application CP**

## ALGEBRA 2 HONORS

Algebra 2 Honors is an upper-level math course that extends on the content learned in Algebra 1 and Geometry. Students must successfully complete Geometry Honors or complete Algebra 1 Applications with a 90 or above and have a teacher recommendation in order to select this course.

**Prerequisite: Geometry Honors and Algebra 1 Applications**



## STATISTICS AND PROBABILITY CP

Statistics and Probability CP is an upper-level math course designed for the college-bound student as an alternative elective math courses. This course will prepare the student for a college statistics course, which is required for many majors. The content will involve concepts of central tendency, variability, experimental design, and probability.

**To be successful in this class it is recommended you successfully completed Prerequisite: Algebra 2 Applications CP or 90+ in Algebra 2 CP with teacher recommendation.**





# MATHEMATICS

## PRE-CALCULUS CP

Pre-Calculus CP should be taken by students who are looking to attend college and/or trade school that would require math content that extends on concepts taught in Algebra I, Geometry and Algebra II. The topics covered in this class will include various functions, analysis of functions and trigonometry. **Prerequisite: Algebra 2 Applications CP or 90+ in Algebra 2 CP with teacher recommendation**

## PRE-CALCULUS HONORS

Pre-Calculus Honors topics covered in this class will include various functions, analysis of functions and trigonometry. The content and pace will be rigorous since the course will be taught like a college level Pre-Calculus course. Students that plan on taking Calculus in high school will be required to successfully complete this course. This course may be offered as Dual Credit through Stockton University when possible.

**Prerequisite: Algebra 2 Honors CP or 90+ in Algebra 2 CP Applications with teacher recommendation**

## CALCULUS HONORS

Calculus Honors should be taken by students that have an interest in majoring in a topic in college that would require the student to take Calculus. The course will review and build off skills taught in Pre-Calculus as well as teach the fundamentals of limits, derivatives and antiderivatives of non-trigonometric functions. The content and pace will be rigorous since the course will be taught like a college level Calculus course. This course may be offered as Dual Credit through Stockton University when possible.

**Prerequisite: Pre-Calculus Honors or 90+ in Pre-Calculus CP**

## AP CALCULUS

Advanced Placement Calculus will provide all the topics covered in Calculus as well as the concepts necessary for the AP Calculus exam administered by the College Board. Through this course, the student will be prepared for advanced college work in mathematics. Students may be eligible for college credits by taking the AP exam and achieving a score accepted by their college or university of choice. More information regarding the AP Program can be found at [Collegeboard.org](http://Collegeboard.org). **Prerequisite: Pre-Calculus**







# PHYSICAL EDUCATION & HEALTH

Physical Education and Health is a four-year program for all students. Each student is scheduled for five blocks a week of physical education and health classroom instruction for one semester each year. The program is coeducational and designed to allow each student to develop and maintain physical fitness. Instruction in each unit addresses history, safety, and individual and team skills together with a culminating activity. Emphasis is placed on the "why" of physical activity and fitness and its "carry-over" value.

ALL STUDENTS ARE REQUIRED TO COMPLETE  
PHYSICAL EDUCATION 1-4  
AND HEALTH 1-4.







# PHYSICAL EDUCATION & HEALTH

## **PHYSICAL EDUCATION / HEALTH 1 FAMILY LIFE EDUCATION**

This course enables students to understand the physical, emotional, social, and intellectual growth that they are experiencing during adolescence. Students will be encouraged to discuss topics as pregnancy, reproduction, contraception, abstinence, drugs, alcohol, tobacco, and sexually transmitted infections including AIDS.

## **PHYSICAL EDUCATION / HEALTH 2 DRIVER EDUCATION**

Health 2 includes a unit of study on drugs, alcohol, and tobacco, where students will compare these substances and describe their effects on the body and mind. Emphasis will be placed on legal, ethical, and societal implications as they relate to the use of an automobile. Students will test for their driving permit at the end of this course.

The classroom phase of driver education covers the following areas of instruction: NJ Motor Vehicle Laws, rules of the road, highway courtesy, psychomotor skills, physical laws of nature, insurance, emergency procedures, and vehicle maintenance. Foundations of desirable driving habits are developed, and primary instruction for getting behind the wheel begins.

## **PHYSICAL EDUCATION / HEALTH 3 HEALTHFUL & SAFE LIVING**

This course will emphasize practical applications of First Aid training and handling emergencies when medical assistance will be delayed or unavailable. Training in CPR and AED is also provided. Prevention of and causes of several types of accidents will be discussed. Drugs/alcohol are also included in this health course as they relate to first aid.

## **PHYSICAL EDUCATION / HEALTH 4 FAMILY LIFE FROM ADOLESCENCE THROUGH OLD AGE**

Emphasis is placed on marriage, effective parenting, single-parent families, divorce, child abuse, drug, and alcohol abuse in reference to family life, and sexually transmitted infections. Activities dealing with parenting, marriage, and personal relationships will be covered.





# PHYSICAL EDUCATION & HEALTH

## ATHLETIC TRAINING 1 CP

This course introduces students to the field of sports medicine. Students will learn the basics of athletic training and allow for career exploration for related careers such as athletic trainer, physical therapist, and others. This course offers hands-on learning as well as traditional learning. Successful completion of Biology is required before taking this course



## ATHLETIC TRAINING 2 HONORS

This course builds upon the content from Athletic Training 1. Students will work their way through the human body, learning the sport medicine perspective on injuries and conditions. Students will learn how to treat injuries and return the physically active population back to sport competition. **Prerequisites:** Athletic Training 1 CP



## STRENGTH AND CONDITIONING 1 CP

The goal of this course is to prepare you for a long-lasting and fruitful career as a Certified Personal Trainer (CPT); regardless of your educational and career background. With this course, you'll be able to recognize and apply exercise psychology and behavioral coaching techniques as well as identify concepts and structures of anatomy and physiology, human movement science, exercise metabolism and nutrition. Students successfully completing this course can take Strength and Conditioning 2 where they can complete the assessments to become a Certified Personal Trainer.



## STRENGTH AND CONDITIONING 2 HONORS

The goal of this course is to prepare students for a long-lasting and fruitful career as a Certified Personal Trainer (CPT). With this program, students are given all of the tools and resources needed to become a successful fitness professional and positively impact your client's health and wellness. Upon successful completion of the course, students will take an assessment to become a Certified Personal Trainer. **Prerequisites:** Strength and Conditioning 1 CP





# PRACTICAL ARTS

ALL STUDENTS ARE REQUIRED  
TO COMPLETE AT LEAST  
1  
PRACTICAL ART COURSE.

(AGRICULTURE, BUSINESS, TECHNOLOGY)





# AGRICULTURE

## INTRODUCTION TO AG/FOOD/NATURAL RESOURCES

This science-based course is designed to introduce students to the world of agriculture. Students will explore career and postsecondary opportunities that involve the study of communication, the science of agriculture, plants, animals, natural resources, and agricultural mechanics. **This class can count as a third laboratory science required for graduation.**

## FLORICULTURE: FLORAL DESIGN

Those students with creative and artistic abilities desiring to work with fresh and dried flowers will find this course of interest. Students will learn to make floral arrangements, corsages, wreaths, basic wedding and memorial designs, dish gardens, and basic silk designs. Students will acquire knowledge and skills in the proper use and placement of plants in the landscape. Students will also draw a landscape plan. Students are encouraged to participate in related FFA activities that serve to increase skills and understanding of subjects taught in the course as well as providing leadership opportunities.

## AGRICULTURAL SCIENCE - ANIMAL DC 2ND COURSE

In this course, students are provided an overview of the field of agricultural science with a foundation in plant science. Students will learn the characteristics of plant science and work on projects similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers. This course will be offered as a dual credit course with Delaware Valley University and Rutgers University. **Prerequisites: Introduction to AG/Food/Natural Resources**

## AGRICULTURAL SCIENCE - ANIMAL DC 2ND COURSE

In this course, students will develop a 22 Producer's Management Guide for an animal of their choice. Student experiences will involve the study of animal anatomy, physiology, behavioral health, nutrition, reproduction, health, selection, and marketing. Students will learn the characteristics of animal science and work on projects similar to animal science specialists, such as veterinarians, zoologists, livestock producers. **Prerequisites: Introduction to AG/Food/Natural Resources**

## FOOD SCIENCE & SAFETY DC 3RD COURSE

Students will complete problems that simulate concepts and situations found in the food science and safety industry. You will investigate areas of food science including food safety, food quality, food chemistry, food processing, food product development, marketing, and consumer behavior. This course will be offered as a dual-credit course with Delaware Valley University and Rutgers University. **Prerequisites: Agriculture Science Animal DC or Agriculture Science Plant DC**







# BUSINESS

## BUSINESS & COMPUTERS I: MICROSOFT AND KEYBOARDING

Students will begin working on building basic keyboarding skills. Students will practice proper keyboarding techniques. Emphasis will be placed on learning the various applications of Microsoft Office (Word, PowerPoint, Outlook, and OneNote), creating multi-media projects, and using electronics to communicate effectively.



## BUSINESS & COMPUTERS II: PRINCIPLES & ECONOMICS

Principles of Business develops an understanding and skills in such areas as business law, economics, financial analysis, human resources management, information management, marketing, operations, and strategic management. In Business Economics, students expand their understanding that businesses are influenced by external factors that are often beyond their control.

**Pre-requisite: Business & Computers I**



## BUSINESS & COMPUTERS III: MARKETING AND MANAGEMENT

Why would Volkswagen choose an email campaign over a television commercial? How does Nike determine its pricing strategy? Through projects and problem-solving you will get inside marketers' heads and find out what makes them tick. Projects in the course will challenge you to analyze the business world around you.

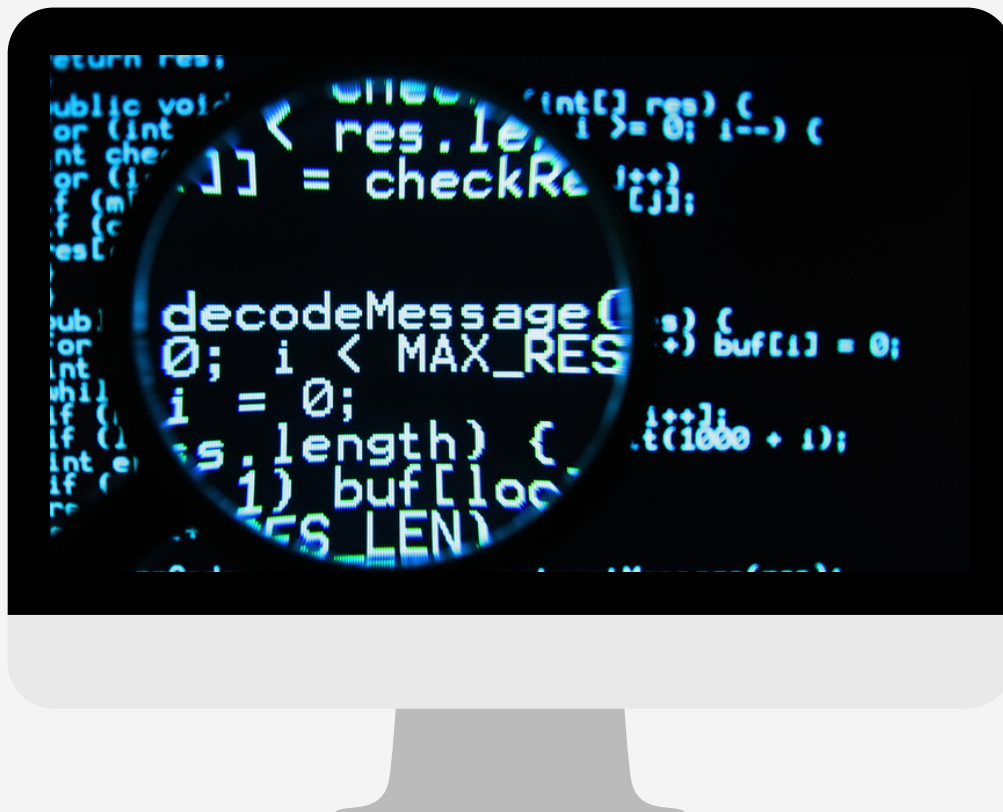
**Pre-requisite: Business & Computers II**







# TECHNOLOGY



## WEB DEVELOPMENT PROGRAMMING CP

Students will be introduced to the principles and concepts of designing a website for the Internet along with studying the underlying structure of a webpage. Students will learn the basics of HTML (Hypertext Markup Language) to create a home page that incorporates text and graphics. This course also covers additional features including Cascading Style Sheets (CSS), working with image maps, a short introduction to JavaScript, and optimizing media for viewing on the web.

## COMPUTER SCIENCE ESSENTIALS CP

Computer Science Essentials exposes students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. Students use visual, block-based programming and seamlessly transition to text-based programming with languages such as Python® to create apps and develop websites and learn how to make computers work together to put their design into practice.





# SCIENCE

The Science Program is designed for both the science-minded student and the student whose interest lies in other fields. Each science course emphasizes problem solving and scientific methodology while covering the Next Generation Science Standards and New Jersey Student Learning Standards. Courses in the core science areas of Biology, Chemistry, and Physics are offered in addition to numerous electives. All students must complete at least three science courses, one including Biology. The New Jersey Department of Education will administer a comprehensive Science test for all eleventh-grade students. It is expected that this test will become a graduation requirement in the future. It is strongly recommended that all required courses be from the core science areas. After completion of the core area courses, students may choose to take one or more of the many science electives offered.

ALL STUDENTS MUST COMPLETE AT LEAST  
3 SCIENCE COURSES INCLUDING  
BIOLOGY,  
AND  
PHYSICS, CHEMISTRY  
OR ENVIROMENTAL.





# SCIENCE

## INTEGRATED LAB SCIENCE CP OR RESEARCH CP

This course introduces and integrates multiple science disciplines to provide the student with a foundation to build upon going forward. Students delve into the building blocks of the respective disciplines covered and learn to think critically and share information. To do so, they learn how to evaluate and validate data from which they derive their conclusions.

## INTEGRATED LAB SCIENCE HONORS

This course introduces and integrates multiple science disciplines. Students delve into the building blocks of the respective disciplines covered and learn to think critically and share information. To do so, they learn how to evaluate and validate data from which they derive their conclusions. **This course requires an "A" average in the related academic courses in seventh and eighth grades and the recommendation of the eighth-grade teacher. Students must meet the Honors Program Requirement to continue in the Honors-level science courses.**



## BIOLOGY CP or RESEARCH CP

Biology should be the second course in the Science sequence. Students will use problem-solving skills while learning biological concepts. The major topics covered include heredity, natural selection, ecology, energy transformation, and structure and function of living things. Emphasis is placed on practical application of these areas to everyday living. **Prerequisite: Integrated Lab Science CP or Research CP**

## BIOLOGY HONORS

This course is an intensive study of the world of biological thought and investigation encompassing comprehensive laboratory activities for those students who plan careers in science-related fields. The topics covered in CP Biology are examined on a much deeper level in this first course of the Honors Science sequence.

**Prerequisite: Integrated Lab Science Honors**

## AP BIOLOGY (TEN CREDITS)

This is a full-year course designed for the exceptional science student who anticipates studying a science major at the college level. This advanced course will follow the rigorous syllabus prescribed by the College Board. Students are encouraged to take the Advanced Placement Examination in Biology after successful completion of this course. Students may be eligible for college credits by taking the AP exam and achieving a score accepted by their college or university of choice.

**Prerequisite: Biology CP/Honors and Chemistry CP/Honors**







# SCIENCE

## ENVIRONMENTAL SCIENCE CP OR RESEARCH CP

Environmental Science is study of the interrelationships between organisms and their physical surroundings focusing on the effects man has within the worldwide ecosystem. This course will provide students with knowledge to evaluate choices that can reduce the negative impact man has made on the environment. The course emphasizes the development of scientific principles, which allow students to identify and analyze environmental problems and associated risks. This course meets the third lab science requirement for graduation. **Prerequisite: Biology CP or Research CP**



## CHEMISTRY CP

Before enrolling in Chemistry CP, students should be comfortable with algebraic skills. Chemistry CP uses extensive application of mathematical concepts in the study of the nature and properties of matter, energy changes in reactions, atomic structure, chemical formulas, and periodicity of properties. The scientific method is continually emphasized as this course prepares the student for college, in addition to the Chemistry topics in the New Jersey Science Student Learning Standards.

**Prerequisite: Biology CP or Research CP and Algebra**

## CHEMISTRY HONORS

This course will provide a more in-depth study of Chemistry than CP Chemistry. This is a laboratory course, which is recommended for any student planning to enter college as a science major or planning to take Advanced Placement Chemistry. The student will learn about the properties of matter and the changes it undergoes. Emphasis will be placed on problem-solving and data analysis. **Prerequisite: Biology Honors**

## AP CHEMISTRY (TEN CREDITS)

AP Chemistry is a full-year course. It is designed to be the equivalent of two semesters of college-level inorganic chemistry. The AP class stresses quantitative reasoning and an extensive laboratory program. Students cultivate their understanding of chemistry through inquiry-based investigations as they explore topics such as atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course will prepare students for the Advanced Placement Chemistry Examination. **Prerequisite: Chemistry CP or Honors**







# SCIENCE

## PHYSICS CP

The fundamentals of Newtonian Physics are stressed in this exploration of basic Physics. Motion, displacement, velocity, acceleration, gravity, vector addition, Newton's Laws, forces, energy transformations, momentum, and linear, circular, and projectile motions are topics covered that prepare the student for future courses in college. Lab work is designed to strengthen and support the concepts. The practical applications of mathematics help students understand the relationship between Mathematics and Science. **Students should, at minimum, be enrolled concurrently in Algebra 2.**

## PHYSICS HONORS

Course content for Honors Physics is more in-depth than CP Physics and is designed for the student planning post-secondary training in this area. The math skills learned in Algebra 1, Algebra 2, Geometry, and Trigonometry are used extensively in this honors course. **Students must meet the Honors Program Requirements to move on to Physics 2 Honors.**

## AP PHYSICS 1: ALGEBRA-BASED AP

Physics 1 is an Algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore topics including kinematics, dynamics, circular motion, and gravitation; energy; momentum; simple harmonic motion; torque and rotational motions; electric charge and electric force; DC circuits; and mechanical waves and sound. **Students need to have completed Geometry and must be concurrently taking Algebra II or have passed it before taking AP Physics. It is recommended that students take Honors or CP Physics prior to taking AP Physics 1.**

## PHYSICS 2 HONORS

Physics 2 students will explore advanced physics topics such as energy and waves, sound and light, mirrors and lenses, electricity and magnetism, and nuclear physics. The course is designed as a natural continuation of Physics 1 and will prepare students for future college coursework. Labs are designed to strengthen and support the concepts. Practical applications will enable students to relate these topics to the world they encounter each day.





# SCIENCE

## ANIMAL SCIENCE

The course enables students to develop an in-depth understanding of the Animal Kingdom. All the major Animal phyla will be studied as they relate to man and each other. The physiology, life cycles, and roles within the ecosystem will be covered using a variety of hands-on activities, including the use of preserved specimens and microscopic work. **This course can be taken at any time after successful completion of a Biology core course at any level.**



## FORENSIC SCIENCE CP

Forensic Science is the application of science for criminal and civil laws enforced by police agencies in a criminal justice system. Major topics include processing a crime scene; collecting and preserving evidence; identifying types of physical evidence; organic and inorganic analysis of evidence, hair, fibers, blood, toxicology, DNA, and fingerprints; document analysis; and the criminal mind. **Students should have successfully completed Biology before taking Forensic Science.**





# SCIENCE

## ANATOMY/PHYSIOLOGY 1 CP

This course is a second-level course in biology designed for those students who anticipate a career in health-related fields, a career in biological sciences, or for those who merely wish to further their knowledge of animal form and function. The total anatomy and general physiology of human cell biochemistry, and an introduction to the major organ systems, are illustrated through laboratory, demonstration, and lecture work. This course builds on skills learned in CP Biology and CP Chemistry.



## ANATOMY/PHYSIOLOGY 2 CP

This course is designed for those students who anticipate a career in biological sciences or who wish to further their knowledge of the human body and how it works. The total anatomy and physiology of the major organ systems will be covered in depth. This course is a continuation of Human Anatomy and Physiology 1. **Students who have successfully completed Principles of Biomedical Science and Human Body Systems with a "B" or higher may take this course.**



## EXPERIENCING SCIENCE THROUGH LITERATURE CP

The purpose of this course is to teach chemistry, biology, and physics using literature and movies. Students will explore topics by referencing the literature, completing experiments in the laboratory, and viewing the movie format for comparison. The discussion will focus on how science influences fiction. **Students must have successfully completed Biology and Chemistry or Environmental Science before taking this course.**







# SOCIAL STUDIES

ALL STUDENTS ARE REQUIRED TO COMPLETE  
AT LEAST 3 HISTORY COURSES INCLUDING  
WORLD HISTORY  
US HISTORY 1 AND 2.







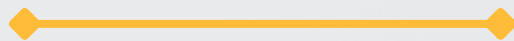
# SOCIAL STUDIES

## WORLD HISTORY CP OR CP RESEARCH

The evolution of political, economic, social, cultural, and religious institutions from global encounters to the contemporary world constitutes the principal domain of this course. The worlds of Africa, the Americas, Europe, and Asia, and the development of western nations are addressed, with emphasis placed upon such movements as colonialism, nationalism, industrialism, and totalitarianism.

## WORLD HISTORY HONORS

This course is designed for the student capable of high performance in the social studies. In addition, to the basic material outlines in World History CP, an emphasis will be placed on critical thinking, writing skills, using primary sources, and independent research. This course requires an "A" average in the related academic courses in seventh and eighth grades and the recommendation of the eighth-grade teacher. **Students must meet the Honors Program Requirement to continue in the Honors Program.**



## US HISTORY 1 CP OR CP RESEARCH

This course details the development of political, economic, social, and cultural institutions of the United States from the Colonial period to the Industrial Revolution. The course of study will begin with America's successful break from the British Empire, which subsequently led to the framing of our federal government. The course will conclude with an overview of the problems and challenges America faced as it began its second 100 years. **It is recommended that the World History core course be taken before students choose these courses.**

## US HISTORY 1 HONORS CP

U.S. History 1 Honors is the first part of a two-course study of United States history. Focus is on colonization through Reconstruction in post Civil War America. . The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. **It is recommended that Honors World History be taken before students choose this course.**





# SOCIAL STUDIES

## US HISTORY 2 CP OR CP RESEARCH

This course continues the historical analysis begun in United States History 1 and culminates with a survey of current American events. The central focus is an examination of the United States as a world power and leader in international affairs.

The course will also include a study of government structure together with constitutional guarantees and judicial resources available to all Americans. **The U.S. History 1 core course should be taken before students elect these courses.**

## AP UNITED STATES HISTORY

This course is a continuation of the US History Honors 1 course. Focus is on industrialization and immigration through the present day, with a focus on 20th-Century American history. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students must complete assignments in the summer before the course starts. **U.S. History 1 Honors should be taken before students elect this course.**

## AP UNITED STATES GOVERNMENT AND POLITICS

This class is a highly rigorous course that dives into our system of government. The course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials within our government and around the world. A student in this course will be doing a substantial amount of reading, research, and writing outside of class, and students are expected to be prepared for many projects and secondary reading from political analysts. **It is recommended but not necessary that both AP U.S. History 1 and 2 be taken before students elect this course.**

## AP WORLD HISTORY: MODERN

In this course, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, continuity, and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places.





# SOCIAL STUDIES

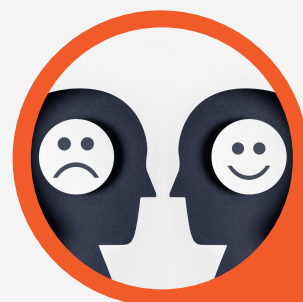
## INTRO TO PSYCHOLOGY

This course is an introduction to social psychology. The course will introduce students to the many fields of psychology, including diverse personality theories, human behavior, human development, psychological disorders and therapies, etc. These topics will be analyzed and evaluated in order to better understand social interaction and behavior. Self-esteem activities and social skills development will be the emphasis of this course.



## SOCIOLOGY CP

Sociology is an introduction to the study of groups, their functions, the norms that govern them, and the individual roles in each group. Students will study the interactions of people and resulting social circumstances. Lifestyles, status and class, poverty, race, and 58 criminology will be among the topics considered. This course is recommended for juniors and seniors only.



## STREET LAW CP

Topics covered in this course include criminal law, juvenile justice, court procedures, and the jury system, rights of consumers and tenants, responsibilities of property owners, and individual rights in encounters with the courts and police. It is recommended that a U.S. History 1 core course be taken before students elect this course.



## ADMINISTRATION OF JUSTICE DC

This course is for the student who may pursue a career in the Justice System. Study will include all aspects of crime, and the ways that society reacts to crime, as well as conditions that may lead to criminal behavior. Students will examine the historical, political, economic, and cultural patterns that influence how crime is defined, and shape society's policies and institutions. A Administration of Justice may be offered as a dual-credit course with Rowan College of South Jersey.







# SOCIAL STUDIES



## HUMAN RIGHTS DC

This academically challenging course will involve an in-depth study of the topics related to genocide throughout the world, the impact these events have had on the world, and the individuals involved.

Students will be introduced to such events, the reasons why they occurred and how they could be prevented in the future. It is recommended that a U.S. History 1 core course be taken before students elect this course.



## FINANCIAL LITERACY CP

This course develops skills and explores strategies that promote personal financial literacy in the global economy. Financial literacy includes Income & Careers; Money Management; Credit & Debt Management; Planning, Saving & Investing; Becoming a Critical Consumer; Civic Financial Responsibility; Risk Management & Investment.



## REEL HISTORY CP

This course treats films as texts deserving the same skills of critical thinking and analysis as other sources used within a history course. The class is designed to reveal that some films are valid historical sources, offering a glimpse into the social, political, and cultural historical moment and some films are affected by poetic license, the agenda of the filmmaker, and other factors that compromise their validity as historical sources. **Prerequisites:** World History, US History 1, US History 2. **Student must be enrolled in US History 2 simultaneously with this.**







# SPECIAL EDUCATION

Cumberland Regional High School recognizes that students with learning disabilities require programs based on individual needs, interests, and abilities. It is our conviction that all students should be provided with the experiences necessary to develop their intellectual, social, and vocational competencies to become economically independent and productive citizens. Individual programs will be provided by Special Education teachers to support the diagnostic prescriptions of the Child Study Team. Related services including counseling, speech, and physical therapy are also available. Students with special needs will be scheduled into mainstream classes to promote social and intellectual growth as appropriate. All efforts will be made to have students educated in the least restrictive and appropriate environment. A member of the Cumberland Regional High School Child Study Team will meet with the Child Study Team of the sending district to cooperatively develop an appropriate secondary education program for each student with special needs. If parents wish, they may visit any of these programs prior to their child's scheduling.

## RESOURCE CENTER CLASSES

A Pull-Out Resource Center is offered in Math, Language Arts, Science, and History. Classes sizes are limited to 12 to 16 students per teacher. An In-Class Support Resource Program is offered via the mainstream Language Arts, Math, History, and Science classes. In these classes, students are required to meet the standard curriculum objectives, which include the Core Content Standards. Our Resource Center Language Arts program has been extended to include READ 180, an intense reading intervention program designed to create a higher level of reading proficiency. The appropriate program will be determined at the Annual Review Conference and will be delineated in the Individualized Educational Program (IEP). Focus is placed on New Jersey Student Learning Standards in all subject areas.

## SELF-CONTAINED PROGRAM

This program serves the needs of the Multiply Disabled student. It is a self-contained micro society that services students ages 13 through 21. The program provides instruction in functional academics, social and emotional development, life skills, and prevocational and vocational skills. The program is specifically designed to guide the social, emotional, and intellectual development of those students whose capabilities, interests, and ideas lend themselves more to specific practical experiences rather than to the conventional academic curriculum.

## READ 180 PROGRAM

The READ 180 Program is an intense reading intervention program that is a comprehensive system of instruction and assessment. It is designed to create a higher level of reading proficiency. The primary objective is for students to read with confidence and fluency while incorporating adaptive technology to individualize instruction. This consists of whole group instruction, instructional software, independent reading, and small-group instruction.





# SERVICE & SPECIAL PROGRAMS

## FRESHMAN SEMINAR

This course is designed to assist in the transition of students from middle school to high school. The course will serve as an introduction to Cumberland Regional High School and will provide academic, social, and emotional support to our incoming freshmen. The primary focus of the course will be critical study skills, organizational skills, and character traits that are vital for academic success. Students will actively participate in projects that promote cooperative learning, community involvement, problem solving, and character education. The Freshman Seminar Team utilizes a curriculum entitled, "Character Development & Leadership". Finally, in each classroom small groups of freshmen will be assigned to each senior mentor, who will provide academic and social support daily.

## SENIOR MENTORING

This course links with the Freshman Seminar Course and is designed for senior students who display the highest levels of honesty, integrity, leadership, and academic excellence. Seniors chosen for this course will be assigned to a small group of first-year students and will be enrolled in Freshman Seminar with their assigned first-year students. Senior Mentors will assist the teacher by planning and facilitating classroom activities and will serve as positive role models to the first-year students. Students wishing to serve as a Senior Mentor must apply and go through an interview process.

## PEER LEADERSHIP

Peer Leadership is an honors level course. Sophomore students may apply to become a Peer Leader for the first semester of their Junior year. Juniors will be put into co-leader pairs and will be assigned a small group of 10-12 freshmen. Peer Leaders prepare activities for their freshmen to meet the following objectives: increase students' sense of connectedness and attachment to school, improve skills in communicating effectively with peers and adults, increase skills in help-seeking, goal setting, and decision making, support/improve students' positive school-related behavior, increase students' motivation to complete high school and post-secondary education, and improve students' preparedness for college and/or the world of work.







# WORLD LANGUAGE

The World Language program intends to develop not only a facility in the target language, but also an increased student awareness of and respect for the diversity of cultures.

Students will develop the four skills of listening, speaking, reading, and writing as they learn to communicate in the target language. Students requiring remedial assistance in Language Arts may have trouble and should consider beginning World Language studies in their sophomore year. To be placed in Level 2 World Language without taking Level 1 (i.e., skip Spanish 1 and take Spanish 2) a student must receive a recommendation from their World Language teacher and earn a 90% or better on a placement exam. World Language teachers are asked to provide a list of students to the CRHSD Counseling department by April 30. The Supervisor of Humanities will administer the placement exam before the school year ends. Students will be notified of placement by their guidance counselor before the school year starts.

ALL STUDENTS ARE REQUIRED  
TO COMPLETE AT LEAST  
1 WORLD LANGUAGE COURSE.





# WORLD LANGUAGE

## FRENCH 1 CP, LATIN 1 CP, SPANISH 1 CP, SPANISH 1

The beginning courses offer students the opportunity to grasp pronunciation and structure of a modern or classical language. Communication skills are emphasized through dialogues and practice of language patterns. Elementary reading texts with controlled vocabulary are introduced. Students will gain familiarity with the cultures where the target language is spoken. Extensive use will be made of age appropriate authentic material.



## FRENCH 2 CP, LATIN 2 CP, LATIN 2 DC, SPANISH 2 CP

The second-year language courses reinforce the command of communication skills as students expand the insights attained through an awareness of cultural diversity. Students are expected to continue to develop effective strategies for reading and listening, speaking and writing, and observing and analyzing culture. Grammatical concepts are addressed as they arise. **Pre-requisite: French 1 CP, Latin 1 CP, Spanish 1CP**







# WORLD LANGUAGE



## **FRENCH 3 CP, LATIN 3 CP, SPANISH 3 CP**

The third-year language course emphasizes the development of skills in listening, speaking, reading, and writing in the target language. Short works of literature are read and analyzed for the insights they may provide into the culture of different peoples. Subjunctive mood may be introduced. Latin 3 is offered as a Dual Credit course through Rowan University. Spanish 3 is offered as a Dual Credit course through Rowan College of South Jersey – Cumberland (RCSJ).

**Pre-requisite: French 2 CP, Latin 2 CP, Spanish 2 CP**

## **FRENCH 5 ADV., LATIN 5 ADV. and SPANISH 5 ADV.**

An Independent Study program may be provided for students who have successfully completed the equivalent of the four-year program. Students may read the selected literary works required for the Advanced Placement syllabus in literature or prepare for the Advanced Placement Language Exam. Students in Latin 5 may also pick a research option where they research one or more topics of Roman culture. Students who wish to pursue this option should not approach individual faculty. An interest should be discussed with the guidance counselor. The student's transcript will reflect the PASS/FAIL option. The grade will not be calculated into the student's grade point average. **OPTION 2 FORMS ARE REQUIRED.**

## **ENGLISH FOR SPEAKERS OF OTHER LANGUAGES**

Students who are enrolled will receive academic, social, and behavioral supports while developing a better understanding of the English language. Students will be identified for placement in this course through a series of protocols, recommendations by staff, or previous placement in a similar program. The course content and learning objectives align with the New Jersey Student Learning Standards while helping prepare students to be successful on the end-of-year WIDA assessment.





# WORLD LANGUAGE

## AMERICAN SIGN LANGUAGE 1 CP

This course provides an introduction to American Sign Language, the 64 language used by the Deaf community. Student experiences will include vocabulary development, numbers, finger spelling and an introduction to the syntax and grammar through conversational phrases, dialogues, and videotapes. Class is primarily conducted in sign language with no voice. Students will explore Deaf culture, history, and related vocational opportunities.

## AMERICAN SIGN LANGUAGE 2 CP

This course will continue the study of American Sign Language in an environment devoid of voicing. The use of signing space, facial grammar, body postures, fluent finger spelling, and continued vocabulary development will be emphasized. More complex grammatical structures will be introduced and students will participate in various role-playing activities. **Prerequisite: American Sign Language 1 CP**



R E S P E C T





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# THANK YOU



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