



Wall High School



PROGRAM OF STUDIES 2024-2025

One Vision • All Students • Wall Together



Wall High School

1630 Eighteenth Avenue
P.O. Box 1199
Wall, NJ 07719

Phone (732) 556-2000 · Fax (732) 556-2104



BOARD OF EDUCATION

Christine Steitz, President
James Maliff, Vice President

Ralph Addonizio	Adam Nasr
Mairin Barbieri	Pamela Shimko
Thomas Buffa	Kenneth Wondrack
Kathleen DiGiovanni	

ADMINISTRATION

Dr. Tracy Handerhan, Superintendent	(732) 556-2006	thanderhan@wallpublicschools.org
Mrs. Jennifer McCann, Assistant Superintendent	(732) 556-2023	jmccann@wallpublicschools.org
Mr. Kevin Davis, Principal	(732) 556-2045	kdavis@wallpublicschools.org
Mr. David Bender, Assistant Principal	(732) 556-2041	dbender@wallpublicschools.org
Mr. Seth Hewitt, Assistant Principal	(732) 556-2043	shewitt@wallpublicschools.org
Mrs. Kathryn A. Misa, Director of School Counseling	(732) 556-2056	kmisa@wallpublicschools.org
Ms. Marni Henry-Parks, Director of Athletics	(732) 556-2065	mhenryparks@wallpublicschools.org
Mrs. Laura Kurmin, Supervisor of Math, Science, Business & Computer Science	(732) 556-2091	lkurmin@wallpublicschools.org
Dr. Nancy Samaha, Supervisor of Special Education	(732) 556-2621	nsamaha@wallpublicschools.org
Dr. Tracy Skinner, Supervisor of Social Studies & World Language	(732) 556-2053	tskinner@wallpublicschools.org
Mrs. Kelly Weiner, Supervisor of ELA	(732) 556-2074	kweiner@wallpublicschools.org

DEPARTMENT CHAIRPERSONS

Ms. Jill Alexander, Visual Arts	(732) 556-2040	jalexander@wallpublicschools.org
Ms. Suzanne Clark, World Language	(732) 556-2040	sclark@wallpublicschools.org
Ms. Kerry Duffy, Social Studies/NNDDC	(732) 556-2040	kduffy@wallpublicschools.org
Mrs. Amanda Glynn, Mathematics	(732) 556-2040	aglynn@wallpublicschools.org
Mr. Leslie Hollander, Performing Arts	(732) 556-2040	lhollander@wallpublicschools.org
Mr. Daniel Leonard, Technology	(732) 556-2040	dleonard@wallpublicschools.org
Mrs. Rachel Miller, English	(732) 556-2040	rmiller@wallpublicschools.org
Mrs. Susan Morin, Special Education	(732) 556-2040	smorin@wallpublicschools.org
Mrs. Lindsay Mossa, Business & Family Life	(732) 556-2040	lmossa@wallpublicschools.org
Mr. Michael Puorro, Health & Physical Education	(732) 556-2040	mpuorro@wallpublicschools.org
Mr. Joshua Tennant, Science	(732) 556-2040	jtennant@wallpublicschools.org

SCHOOL COUNSELING DEPARTMENT

Mr. Christopher Barnes, School Counselor	(732) 556-2057	cbarnes@wallpublicschools.org
Ms. Judith A. Gilberti, School Counselor	(732) 556-2058	jgilberti@wallpublicschools.org
Mrs. Dana Griggs, School Counselor	(732) 556-2087	dgriggs@wallpublicschools.org
Mr. Frank Janks, School Counselor	(732) 556-2159	fjanks@wallpublicschools.org
Mrs. Kathleen Rivera, School Counselor	(732) 556-2060	krivera@wallpublicschools.org
Mr. Anthony Tarantin, School Counselor	(732) 556-2059	atarantin@wallpublicschools.org
Mrs. Alysa Fornarotto-Regenye, SAC	(732) 556-2139	afornarotto-regenye@wallpublicschools.org
Mrs. Moira Barocas, School Family Liaison Counselor	(732) 556-2055	mbarocas@wallpublicschools.org



Wall High School
School Counseling
Department

Mrs. Kathryn A. Misa
Director of
School Counseling

Mr. Christopher Barnes
Counselor

Ms. Judith Gilberti
Counselor

Mrs. Dana Griggs
Counselor

Mr. Frank Janks
Counselor

Mrs. Kathleen Rivera
Counselor

Mr. Anthony Tarantin
Counselor

Ph (732) 556-2000 x 2700
F (732) 556-2109

Wall High School

1630 Eighteenth Avenue
P.O. Box 1199
Wall, NJ 07719
Phone (732) 556-2000 • Fax (732) 556-2104

Dear Student,

This Program of Studies has been prepared as a reference for you to use during the scheduling process. It is a complete guide to the possible course offerings at Wall High School. All of the courses offered at Wall High School are listed with a complete description, credit value, and prerequisites.

Please review the information in this book carefully with your parents. Take the time to choose courses that match your strengths, interests, abilities, and post high school goals. Your school counselor, teachers, and parents will assist you in making course selections as you build a challenging academic program for next year.

The high school counselors will present course selection information to you in February 2024. You will be instructed how to choose your courses and complete the online course selection. Making timely and thoughtful decisions about your course selection will ensure that you receive the academic program that is best for you. It is important that you carefully list alternate choices for electives in the event that an original elective choice cannot be scheduled.

Your high school career should be challenging, successful, and enjoyable. We are excited to help you as you complete the planning process!

Sincerely,

Mr. Kevin Davis
Principal

Mrs. Kathryn A. Misa
Director of School Counseling

Table of Contents

Course Selection Process	4
Honors and Advanced Placement Criteria	5
Graduation Requirements	6
Four-Year Course Planner	8
Grade Point Average	9
Wall High School Academies	11
Special Services	13
Option 2	15
Course Descriptions	20
Business	20
English	23
Family Life and Consumer Science	30
Mathematics	31
Junior Reserve Officer Training Corps/ Navy National Defense Cadet Corp	36
Physical Education & Health	38
Science	39
Social Studies	45
Technology Education	49
Visual and Performing Arts	54
World Language	64
Monmouth County Vocational School Information	71

WALL HIGH SCHOOL AT A GLANCE

Wall High School has been a four-year comprehensive high school since 1959. Our school community consists of approximately 950 students and 120 professional staff members. The environment is one that is rich in tradition yet challenging and innovative, focusing on the student as an individual. We pride ourselves on providing students a multitude of course offerings that enable them to develop their personal interests, strengths and talents. We hold in high regard our professional staff and their ability to reach students by instilling in them the values of high achievement, responsibility, appropriate decision making, and being responsive to an ever-changing society.

COURSE SELECTION PROCESS

The scheduling process for the 2024-2025 school year will begin in February 2024. Students and parents should carefully review the Program of Studies and pay close attention to the course descriptions and prerequisites for the courses that you plan to select. Students should consider their interests, abilities and goals as they choose their academic program for next year. Students are encouraged to gather information from teachers, counselors, parents, and administrators as they choose their courses for the 2024-2025 school year. Counselors will meet with students to discuss course selection, make informed decisions and select the course of study that best suits the needs of each student.

- Students are required to select 8 courses.
- Seniors interested in Dual Enrollment, Dual Credit Program, Work Release or Option II must complete required paperwork and receive administrative approval.
- Students are encouraged to select as many alternates as possible. In the event that an original elective choice cannot be scheduled, alternatives will be utilized in the scheduling process.

The school's master schedule is built upon careful and deliberate course selections made by students. Every effort should be made by students, counselors, parents, and teachers to ensure that the courses selected are appropriate for the students. The deadline for course selection changes will be **the last day of school**. If it becomes necessary to make a course selection after this deadline, students **must** schedule an appointment with their counselor. Students will be asked to identify the reason for the request.

SCHEDULE ADJUSTMENTS

Valid reasons for which a student may request a change of schedule include:

- An error or omission in data entry
- Meeting a graduation requirement (seniors)
- Course failures, which prohibit progress to the next sequential course
- Successful summer school attendance, which allows progress to the next sequential course

Any student requesting a change of schedule must do so within 2 weeks of the start of the school year. The dropped course will not become a part of the student's permanent record. A student dropping a course after the 2 week period will have the course printed on his/her permanent record. The course will appear on the student's transcript as either Withdraw Pass (WP) or Withdraw Fail (WF) based upon the grade at the time of withdrawal. This policy is strictly enforced. All course changes are subject to seat availability. **Classes will not be overloaded to accommodate a student who chooses to withdraw from a class and enter another.**

COURSE LEVEL CHANGES

- A student requesting a level change during the first marking period will have their original course grade carried to their new class and incorporated into the first marking period average.
- It will be the student's responsibility to make up any work missed for the new course, including summer assignments.
- A student may not request a course level change after the end of the first marking period. Please note all course changes are subject to seat availability. Classes will **not** be overloaded to accommodate a student who chooses to withdraw from a class and enter another.

HONORS AND ADVANCED PLACEMENT CRITERIA

Honors classes are offered to provide an enriched and accelerated curriculum in selected content areas. After 9th grade, students who are currently enrolled in Honors courses and who maintain a grade of 85 or higher will be automatically enrolled in the next sequential course of study. Any student who wishes to move from a college prep course to an honors course, or an honors course to an advanced placement course, will have to demonstrate success by having a teacher recommendation and Semester 1 average of a 91 or above. Student grades will be reviewed at the end of the year for academic placement. Students must earn a Final Grade of 91 or higher in order to be scheduled.

Advanced Placement Program

The Advanced Placement Program is a rigorous academic program built on the commitment, passion, and hard work of students and teachers. The Advanced Placement Program allows students to participate in a college level course and possibly earn college credit while still in high school. Advanced Placement courses require summer work. Schedule changes will not be made due to the fact that the students have not completed his/her summer work responsibility. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429).**

- **Students cannot add an AP course to their schedule after August 2, 2024.**
- **Students who earn a final average of 85 or above and take the AP Exam will be exempt from the final exam.**
- **Students who do not take the required AP Exam in May shall be required to reimburse the school district for the cost of the exam and take the final exam.**
- **Students who do not take the required AP Exam in May will receive Honors credit for the course with a notation on his/her transcript indicating that the student did not fulfill the AP requirement (GPA and class rank will be impacted).**

ATHLETIC ELIGIBILITY

Any student who wishes to compete in interscholastic sports must meet the minimum credit requirements established by the New Jersey Interscholastic Athletic Association. A student must have passed 30 credits in the previous year to be eligible for participation in sports offered in the fall and/or winter. To be eligible for sports offered in the spring, a student must have passed the equivalent of 15 credits in the fall semester. Any student 19 years of age prior to September 1st is not eligible to participate in interscholastic athletics. Any student 16 years of age prior to September 1st is not eligible to participate in **freshman level** interscholastic athletics. Fifth year students are not eligible for interscholastic competition.

GRADUATION REQUIREMENTS

To receive a New Jersey State endorsed diploma from Wall High School, each student must earn a *minimum* of 120 credits. Each year, all students must carry a minimum of 40 credits.

English	4 Years
Mathematics (Algebra 1, Geometry & a third year that builds upon Algebra 1 & Geometry)	3 Years
Science	3 Years Biology, Chemistry, Physics
Social Studies	1 Year World History 2 Years United States History
Health & Physical Education	4 Years
World Language	1 Year
Financial, Economic, Business and Entrepreneurial Literacy	2.5 credits
Visual and Performing Arts	5 credits
21st Century Life & Careers (Practical Arts)	5 credits

[NJ STATE TESTING REQUIREMENTS FOR GRADUATION](#)

GRADUATION REQUIREMENTS

Below is a list of courses offered at Wall High School and their relation to graduation requirements for Visual & Performing Arts, 21st Century Life & Careers (Practical Arts) and Financial, Economic, Business and Entrepreneurial Literacy. When making course selections, be sure you are fulfilling your graduation requirements. Your school counselor will assist you as you make your final course selections.

<p><u>Visual & Performing Arts</u> 3-D Design- 10,11,12 Advanced Music Theory & Harmony- 12 AP 2-D Art- 12 AP Drawing- 12 AP Music Theory- 10,11,12 Art Experience- 9,10,11,12 Band- 9,10,11,12 Beginning Guitar- 9,10,11,12 Ceramics- 10,11,12 Ceramics 2- 11,12 Chamber Choir- 9,10,11,12 Chamber Choir Honors- 10,11,12 Classic Rock- 9,10,11,12 Concert Choir- 9,10,11,12 Digital Audio- 9,10,11,12 Digital Illustration- 10,11,12 Digital Illustration 2- 11,12 Drawing & Painting 1- 10,11,12 Drawing & Painting 2- 11,12 Fiber Arts- 10,11,12 Guitar Ensemble- 10,11,12 Jewelry Design- 10,11,12 Musical Theatre- 9,10,11,12 Musical Theatre 2- 10,11,12 Music Theory/Piano Lab- 9,10,11,12 Orchestra- 9,10,11,12 Orchestra Honors- 10,11,12 Sculpture- 10,11,12 Vocal Performance- 9,10,11,12 Vocal Performance 2- 10,11,12 Wind Ensemble- 9,10,11,12 Wind Ensemble Honors- 10,11,12</p> <p><u>Financial, Economic, Business, Entrepreneurial Literacy</u> Personal Financial Literacy (online)- 9,10,11,12 Personal Financial Literacy- 9,10,11,12 AP Macroeconomics- 11,12</p>	<p><u>21st Century Life & Careers (Practical Arts)</u> Academy Engineering Design 1- 9 Academy Engineering Design 2- 10 Accounting 1- 10,11,12 Advanced TV- 11,12 AP Computer Science Principles- 10,11,12 Architecture 1- 9,10,11,12 Architecture 2- 10,11,12 Architecture Studio- 11,12 Business Communications- 11,12 Business Personal Law- 10,11,12 Capstone in Engineering- 12 College Accounting- 11,12 Contemporary Living- 9,10 Culinary Arts- 11,12 Digital Animation & Game- 9,10,11,12 Digital Media Design- 9,10,11,12 Economics- 10,11,12 Engineering Design 1- 9,10,11,12 Engineering Design 2- 10,11,12 Entrepreneurship- 10,11,12 Fashion & Interior Design- 9,10,11,12 Financial Investigations- 11,12 Food & Fitness- 10,11,12 Intermediate TV- 10,11,12 Intro to Computer Science in Javascript- 9,10,11,12 Intro to Cybersecurity- 10,11,12 Intro to Filmmaking- 9,10,11,12 Intro to TV- 9,10,11,12 Investing & Global Finance- 11,12 Marketing- 10,11,12 Principles of Business- 9,10,11,12 Robotics- 11,12 Sports & Entertainment Marketing- 9,10,11,12 Yearbook Production- 9,10,11,12</p>
---	---

WHS FOUR-YEAR COURSE PLANNER

It is strongly suggested that parents sit down with their child and tentatively map out a four-year plan for course selection. It is important to revisit and reevaluate this plan each school year. The School Counselors are always available to discuss such plans.

Grade 9	Grade 10
1- P.E. & Health	1- P.E. & Health
2- English	2- English
3- Modern World History	3- US History 1
4- Mathematics	4- Mathematics
5- World Language	5- World Language
6- Biology	6- Chemistry
7- Personal Financial Literacy/Elective	7- Elective
8- Elective	8- Elective

Grade 11	Grade 12
1- P.E. & Health	1- P.E. & Health
2- English	2- English
3- US History 2	3- Social Studies Elective
4- Mathematics	4- Mathematics Elective
5- World Language Elective	5- World Language Elective
6- Physics	6- Science Elective
7- Elective	7- Elective
8- Elective	8- Elective

WALL HIGH SCHOOL GRADING SYSTEM

Wall High School Grading System

91 - 100	Excellent
85 - 90	Above Average
76 - 84	Average
70 - 75	Below Average
0 - 69	Failing

Honor Roll

High Honor Roll	91 or better in all subjects
Honor Roll	85 or better in all subjects

Cumulative Grade Point Average and Class Rank

Grade Point Average is an indicator of a student's overall academic performance, taking into account all courses that he/she has completed during the academic school year. The final grade in each course is used in the calculation. The student with the highest Grade Point Average will be ranked as number 1, the second as number 2, etc. Two or more students having the same GPA will share the same class rank.

- * GPA and class rank will be calculated at the conclusion of each school year and after the first semester senior year.
- * The Valedictorian and Salutatorian will be determined after the first semester senior year.
- * Final GPA will be determined at the conclusion of senior year and final transcripts will be sent to colleges and universities.

How to calculate GPA:

1. To calculate GPA, begin with the Quality Point (QP) value for each grade. Ex: If a student earned an 85 in an honors course, the Quality Point value is 3.5. If a student earned an 85 in a College prep course, the Quality Point value is a 3.0.
2. Calculate the Quality Point value for each final grade.
3. Multiply the QP value by the credits attempted, which is 5 for each full year course, 2.5 for a semester/half year course, 1.25 for Health and 3.75 for Physical Education.
4. The total (QP x credits attempted) is divided by the credits earned for the year to determine yearly GPA.
5. The cumulative total (QP X credits attempted) is divided by the total cumulative credits earned to determine the Cumulative GPA.

Letter grade/ Numerical Range	College Prep Quality Points	Honors Quality Points	AP Quality Points
A+ (97-100)	4.0	4.5	5.0
A (94-96)	3.87	4.37	4.87
A- (91-93)	3.67	4.17	4.67
B+ (88-90)	3.33	3.83	4.33
B (85-87)	3.0	3.5	4.0
B- (82-84)	2.67	3.17	3.67
C+ (79-81)	2.33	2.83	3.33
C (76-78)	2.0	2.5	3.0
C- (74-75)	1.67	2.17	2.67
D+ (72-73)	1.33	1.83	2.33
D (70-71)	1.0	1.5	2.0
F Below 70	0	0	0

Grade Point Average Calculation Example:

Course:	Final Grade	QP	Credits	Total QP x Credits Attempted
English 9 CP	88	3.33	5	16.65
Modern World History H	89	3.83	5	19.15
Algebra 1	93	3.67	5	18.35
Spanish 2 H	94	4.37	5	21.85
Health 9	100	4.0	1.25	5.00
Physical Education	98	4.0	3.75	15.00
Lab Biology CP	85	3.0	5	15.00
Art Experience	94	3.87	5	19.35
Freshman Seminar	96	3.87	2.5	9.675
Personal Financial Literacy	91	3.67	2.5	<u>9.175</u>
				149.20

Total QP= 149.20

Number of credits earned= 40

$149.95/40 = 3.73$

Cumulative GPA= 3.73

WALL HIGH SCHOOL ACADEMIES

There are three academies offered at Wall High School: Pre-Engineering Academy, Service and Leadership Academy and Wall Business and Finance Academy.

Pre Engineering Academy

Mission Statement

The Wall Township Pre-Engineering Academy, with its innovative and rigorous project-based, iSTEM (interdisciplinary Science, Technology, Engineering, and Mathematics) curriculum, will increase technological literacy as well as prepare students for their post-secondary education and, ultimately, a career in the field of engineering or technology/science related field.

Entrance Criteria

All applicants must complete the application in full and sit for all required placement tests in order to be considered as a member of the academy. Applications are reviewed by the admissions committee and applicants are scored using an extensive rubric. Admissions are very competitive and are limited to 24 total students per class.

Required Courses

Math Progression

Academy students begin with honors Geometry or Algebra 2 and eventually progress to AP Calculus (AB), with some students able to take AP Calculus (BC). Students must be enrolled in an honors math or an AP math all 4 years of high school. Students in the academy must complete at least one AP level math course.

Science Progression

Academy students will begin in honors Biology and then continue to honors Chemistry sophomore year. Students are required to take either honors Physics or AP Physics 1 as part of their science progression. Students must be enrolled in an honors science or an AP science all 4 years of high school. Students in the academy must complete at least one AP level science course.

Engineering Progression

Grade 9- Engineering Design 1

Grade 10- Engineering Design 2

Grade 11- Robotics

Grade 12- Capstone

Service and Leadership Academy

Mission Statement

The Service and Leadership Academy strives to develop student leaders through citizenship by fulfilling the duties and responsibilities of a productive community member. Students in the academy model leadership, respect, enthusiasm, achievement, and hard work. This academy is recommended for students who are considering a career in public safety, public service, service science such as NASA, law, government, social services, education, clergy, or the military.

Entrance Criteria

What makes this academy unique, is that it is open to all students without a placement exam.

Required Courses

Grade 9- Naval Science 1, Physical Training 9

Grade 10- Naval Science 2, Physical Training 10

Grade 11- Naval Science 3, Physical Training 11

Grade 12- Naval Science 4, Physical Training 12

Wall Business and Finance Academy

Mission Statement

Students who are accepted into the Wall High School Business and Finance Academy will tailor their elective choices to a focus on business and finance. They must take a minimum of 20 credits of mandatory business courses and successfully complete an internship between the summer of their junior and senior years. Applications are accepted each February from rising Freshmen only. Community business leaders partner with Wall High School by securing internships, providing shadowing experiences, volunteering in classrooms, acting as mentors and serving on our advisory board. Students in the WBFA will have opportunities to shadow businesses, plan and execute various fundraisers, to participate in field trips and to partake in community service events. Professional development workshops are also provided for WBFA members through our Academy Knights program. Students who complete the program will be graduates of the Wall High School Business and Finance Academy and will receive a “Certificate of Business and Financial Studies” as well as a medal to wear at their Wall High School graduation ceremony.

Entrance Criteria

All applicants must complete the entire application packet in order to be considered as a candidate for the WBFA. Applications are reviewed by the admissions committee and all applicants are scored using a rubric. Admissions are competitive and each class of the WBFA is limited to 20 students.

Required Courses

Students are required to take a minimum of 20 credits of mandatory business courses. Principles of Business, Accounting, and Business Communications are required courses. The remaining 7.5 credits are the student’s choice. Students must also successfully complete an internship/mentorship during the summer between their junior and senior years.

SPECIAL EDUCATION AND RELATED SERVICES

The Special Services Department offers a variety of programs and related services that address the needs of students with disabilities. Each classified student is assigned to a member of the Child Study Team who works very closely with the child, family, and teachers in order to identify the individual needs of each student. Each student will have an Individual Education Program (IEP) to ensure that the student's identified needs are addressed. Programs are designed to meet those needs prescribed in the IEP, as per state code program criteria. Students should follow course selection procedures outlined in this Program of Studies; however, a student's schedule is finalized at the annual review meeting. Unless exempted in their IEP, Special Education students must meet all state and local high school graduation requirements in order to receive a state endorsed high school diploma.

Special Education

Individual education programs for students with special needs take a variety of forms and include: General Education Programs without support; General Education with support, such as In-Class Resource Programs and Pull Out Resource Programs; and Self-Contained Special Education Programs.

General Education Programs with Support

Some students may attend a general education program with the support of a paraprofessional or a special education teacher.

General Education Programs without Support

This program is for students who can successfully follow the general education curriculum without the assistance of a special education teacher or paraprofessional. Students participate with nondisabled peers in the least restrictive environment.

In-Class Resource/In-Class Replacement Program

The In-class Resource Program provides students with the opportunity for a special education teacher to work cooperatively with a general education teacher in a regular class setting. The two teachers, a certified special education teacher and a content area general education teacher work collaboratively to instruct and assist students within the classroom environment.

In-class Replacement Programs are available as needed by students. In the In-class Replacement Program, the general education program is replaced with an individual program that has been developed by the IEP team based upon the needs of the student. While the curriculum may mirror some of the general education curriculum, the course requirements, activities and assessment process may vary. The special education teacher is responsible for providing instruction and assessing the student.

Pull Out Resource Programs

When the need is identified by the Child Study Team, a student may take an academic subject in a resource center where instruction is individualized and class size is limited. The curriculum for each course parallels traditional classroom instruction. These classes are for special education students only. Non-disabled peers are not placed in these classes.

Self Contained Programs

Specialized programs for students are also provided in accordance with Individualized Education Programs. Appropriate services are determined annually during the IEP meeting. In this program, students are educated in a specific class for most or all of the day. All students in this program are special education students who require a specific learning environment to be successful.

Life Skills (9-12)

In addition to major academic subjects, a student may be recommended to take Life Skills. Life Skills is designed to expose the students to all areas of family life education. Students will develop independent living skills through projects and activities on topics such as interpersonal relationships, parenting, consumer education, money management, housing, interior design and nutrition and meal management.

Work Based Experience (11-12)

The Work Based Experience program is a coordinated set of activities, designed within an outcome-oriented process, to promote movement from school to post-school activities. Students are placed in various educational, employment, and volunteer settings. Students' needs are addressed in the following ways: Community-based experiences, In-school work preparedness, Work Based Learning, and Recreation (Governor's initiative). These experiences are coordinated by the district Transition Coordinator and are individualized based upon students' needs.

Related Services

Students receive related services as per their Individualized Education Programs. Services might include speech/language therapy, occupational therapy, physical therapy, counseling services or behavioral supports.

CASE MANAGERS AND TRANSITION COORDINATOR

Mr. Ryan Bradley, Work Based Learning Coordinator	(732) 556-2010	rbradley@wallpublicschools.org
Ms. Corinne Casey, School Psychologist	(732) 556-2088	ccasey@wallpublicschools.org
Ms. Danielle Lucas, School Psychologist	(732) 556-2075	dlucas@wallpublicschools.org
Ms. Kristin Newland, School Social Worker	(732) 556-2608	knewland@wallpublicschools.org
Ms. Alyssa Nolan, School Psychologist	(732) 556-2072	anolan@wallpublicschools.org
Ms. Heather Pizzuro, Learning Disabilities - Teacher Consultant	(732) 556-2131	hpizzuro@wallpublicschools.org
Ms. Alyssa Scull, School Social Worker	(732) 556-2132	ascull@wallpublicschools.org
Dr. Nancy Samaha, Supervisor of Special Education	(732) 556-2603	nsamaha@wallpublicschools.org

OPTION II

The New Jersey Department of Education (NJDOE) recognizes and acknowledges that all students will not achieve all the required NJDOE approved learning standards in the same manner and/or with the same level of success. The Wall Township School District is permitted to allow students with individualized learning opportunities outside of the traditional classroom that are stimulating and challenging and that enable students to meet or exceed the New Jersey Learning Standards. This is commonly referred to as **Option II**. Students are permitted to earn credit toward graduation through Option II experiences. These experiences include, but are not limited to: course remediation/acceleration, early college credit, online learning, work-based programs, school based programs, and internships. Participation in Option II is predicated on the application process through which students seek approval. Attainment of credit toward graduation is based on the successful completion of assessments that verify student achievement in meeting or exceeding the New Jersey Learning Standards at the high school level.

Please visit the [WHS Counseling Department website](#) for more information and how to apply.

Option II Credit Attainment

Students planning to pursue coursework for credit in addition to the traditional offerings at Wall High School are required to submit a completed application to the Principal's Option II Review Committee. This committee will consist of the High School Principal, Director of School Counseling, Department Supervisor and a designated School Counselor. If the course is to be taken during the summer, the application must be completed by May 31st and all course requirements must be completed and submitted to the Director of School Counseling no later than August 15th. Deadlines for submission are August 1st for Fall Semester coursework; January 1st for Spring Semester course work. The Principal's Option II Review Committee will review each application to determine eligibility and grant approval/disapproval based on the criteria outlined. Each student's application will be reviewed on its own merit. The committee will ensure that each student is on track to fulfill graduation requirements.

- Option II credit may be earned for a maximum of two courses in one year (July 1-June 30)
- Students may not take consecutive courses in a sequence and/or subject area
- Parents/Guardians are responsible for all expenses associated with Option II Credit
- **Final course grades and credits earned will appear on a student's transcript, but will not be used in GPA calculation and will not count in the calculation for class rank.**

Credit Recovery

Students receiving below a 70 in a WHS course do not receive credit. Students who fail to meet course requirements and/or meet attendance requirements receive a final grade of NC (no credit). In each case, credits towards graduation are not earned. Student options include the repeat of the course during the next school year; enrollment in an approved summer school program; or enrollment in an approved Option II alternative. Option II alternatives require approval by the Principal's Option II Review Committee.

Credit Recovery courses require students to be enrolled for a minimum of 60 hours for a 5 credit course. Grades for completed Credit Recovery courses will be reflected on transcripts. Credit recovery courses are not included in the calculation of a student's overall GPA. The original course and final grade **will be** retained on the student's transcript. Appropriate credits will be applied toward graduation requirements. Credit recovery can be achieved through in-person or online coursework.

Course Acceleration

Students may opt to enroll in Option II courses to accelerate their program and/or to advance a course level. A common example of advanced coursework is the student who takes an additional mathematics course to advance to the next level of math or a world language that is not available for study at the high school. Advanced credit, additional credit, or acceleration can be achieved through in-person or online coursework. The following guidelines must be followed:

- Parents/Guardians are responsible for arranging instruction by a Wall Board of Education approved educational program (Educere) or by a NJ State certified teacher for sixty (60) hours of one-on-one instruction. Prior approval by the Principal's Option II Review Committee must be granted in all instances.
- All tutors must be state certified in the respective subject area and submit a copy of said New Jersey teaching certificate to the high school administration.
- Parents/Guardians are responsible for all expenses associated with Option II Credit.
- If the course is to be taken during the summer, the application must be completed by May 31st and all course requirements must be completed and submitted to the Director of School Counseling no later than August 15th. **Course extensions will not be granted.**
- Students will be required to take the Wall High School departmentalized Final Exam in order to move on to the next sequential course.
- Final course grade and credits earned will appear on a student's transcript, but will not be used in GPA calculation and will not count in the calculation for class rank.

College Credit

Dual Enrollment Program- Brookdale Community College

The Dual Enrollment Program allows students to complete up to 12 Brookdale Community College credits during their senior year of high school. Students are released from Wall High School for half a day to take college-level courses at Brookdale's Lincroft campus or any of Brookdale's Higher Education Centers. The goal of this program is to give qualified high school students the opportunity to experience college courses and prepare for the academic rigor of college. Students must take English 12 at Wall High School.

To participate in the Dual Enrollment Program, students must meet the following five requirements:

1. **Current English Course:** Grade of B or 83% in College Prep English or grade of B- in Honors or AP English
2. **Final English Grade from last completed academic year:** Grade of B or 83% in College Prep English or grade of B- in Honors English or AP English (self reported by student).
3. **Overall GPA:** Must have a minimum GPA of 3.0
4. **Recommendation of English Teacher for college-level Reading and college level Writing**
5. **Signature of School Counselor**

Brookdale Community College will accept the following SAT and ACT scores for eligibility:

<u>SAT</u>	<u>ACT</u>
EBRW 480	Reading 23
MATH 530	Writing 8
	Math 21

To participate in the Dual Enrollment Program, families must also agree to:

- Assume all costs associated with the Dual Enrollment Program including tuition, books, fees, and course materials
- Adhere to the terms and conditions of the Brookdale Community College Student Conduct Code and Student Integrity Code
- Adhere to the Brookdale Community College and high school academic calendars
- Maintain a minimum grade point average of 2.0 in Brookdale Community College courses to remain in the Dual Enrollment Program

Click [HERE](#) for the Dual Enrollment Application Packet

Dual Credit Program- Stockton University

The Dual Credit Program at Stockton University provides Wall High School students the opportunity to experience university-style learning before they graduate high school. While enrolled in pre-approved Wall High School courses taught by Wall High School teachers, students have the ability to earn college credit from Stockton University.

It is Stockton University's mission through its partnership with Wall High School to help students prepare for success in college by exposing them to university-level material and providing them the advantage of making progress toward a college degree in a timely and affordable way.

Students are responsible for all tuition costs associated with the Dual Credit Program at Stockton University Program. Stockton University assumes jurisdiction for grade reporting and transcripts. At the student's request and expense, an official transcript will be mailed to the college or university of the student's choice upon graduation from Wall High School.

More information can be found on the [WHS Counseling Department Website](#).

Internships

Students in the Pre-Engineering Academy and the Wall Business and Finance Academy can earn 2.5 high school credits once they complete their required internship. Credits awarded are based on the number of internship hours completed and the submission of the student's final evaluation.

Option II for Alternative Physical Education

The Wall Township School District encourages all students to participate in the Physical Education Program. It recognizes, however, that some students are engaged in athletic, interscholastic or other programs of vigorous activity, allowing for achievement of the New Jersey Learning Standards. Such students may be excused from the required physical education course, while still earning physical education credit. Attainment of credit toward graduation is based on the successful completion of assessments that verify student achievement in meeting or exceeding the New Jersey Learning Standards at the high school level. There are three qualifying paths a Wall High School student may take to earn Physical Education credit through Option II:

1. Parents/Guardians are responsible for arranging instruction by a Wall Board of Education approved educational program or by a NJ State certified teacher for forty-five (45) hours of one-on-one instruction. A copy of the New Jersey teaching certificate must be provided to the Principal's Option II Review Committee for consideration.
2. Continuous high level training, practice, performance, and/or competition in an athletic or physical activity for at least 150 minutes per week with an approved organization, coach, and/or teacher. Students will be awarded a final grade of Pass/Fail.
3. Online

In order to be considered for Option II for Alternative Physical Education, students must meet the following criteria:

- Sophomore, junior or senior (who has not previously failed health or physical education)
- Enroll in a Health education course outside of Wall High School

Procedures for Alternative Physical Education Approval & Documentation

- Students must complete the Option II- Alternate Physical Education & Health Application and submit to his/her school counselor
- Option II Path 2 students must be a member of an athletic team or organization that provides a minimum of 150 minutes of physical activity each week for 3 out of 4 marking periods (excluding health)
- Option II Path 2 students must also submit a letter from the coach, teacher, or outside organization
- Once approved, Path 2 students are responsible for logging hours weekly. Every Monday, students must submit PE logs to their school counselor
- Parent/Guardian and students have sole responsibility for student learning, academic progress, liability and submitting the proper documentation on the required dates
 - Any documentation that has been forged or cannot be verified by the coach or organization where the student is fulfilling their Option II obligation will result in a Failure for the marking period and IMMEDIATE DISMISSAL from the Option II Program.

Procedures for Completing Logs

Time Requirement

- Documentation and time accumulated for the week begins every Monday and ends on Sunday
- Students are required to participate in a minimum of 150 minutes of physical activity per week beginning the first day PE classes begin and ending the last full day of PE classes during the school year (3 out of 4 marking periods)
- Shortened school weeks do not alter the minimum 150 minute per week requirement in the Option II Program
 - When school is closed for an entire week, students are not responsible for fulfilling their Option II requirement
- Absences from school do not lessen the minimum 150 minute per week requirement
- No log sheets will be required during the marking period that the student is in Health
- Extra minutes **cannot** be carried over to the next week
 - 300 minutes in 1 week will not transfer to another week

Inability to Participate in Physical Activity/Exemptions

- In the event of injury, illness or inability to participate in any physical activity, a doctor's note will be required and must be presented to both the school nurse and the school counselor in order for the student to be excused (**Parental notes will not be accepted**)
- If there is a family emergency (death in the family, ill family member) where the student will not be able to fulfill his/her requirement, the school counselor must be notified as soon as possible.

Completion of Logs

- Students are required to keep track of 150 minutes of physical activity per week and present documentation to their school counselor every Monday (3 of 4 marking periods)
- All Logs must be turned in by 2:00 p.m. every Monday
 - Logs turned in after the deadline may result in removal from the program
 - Extra forms will be available in the School Counseling Office
- Documentation and time accumulated for the week begins on Monday and ends on Sunday

Grading

- Students will receive a grade of Pass or Fail at the end of each marking period
 - 100% compliance is required in order to receive a passing grade
- Option II students must pass all three marking periods of Option II time requirements to earn a passing grade for the year

Business

The Business Department at Wall High School continuously strives to meet the needs of our students. With courses such as Personal Financial Literacy, Accounting, Marketing, Business Principles, and Business and Personal Law, students have the capability to gain information and necessary skills that will be essential as they enter adulthood. The Wall Business and Finance Academy (WBFA) opens doors to real life businesses by working in a partnership with local businessmen and women, who serve as advisors to our students. Students who are accepted to the WBFA have opportunities to shadow professionals and experience “a day in the life” of business leaders in our community. All students who are Academy members will also complete an internship prior to graduation. In addition to the WBFA, we are very excited to have the DECA program available to our business students. DECA has experienced great success in that we have had many students qualify for the state level competition; in a recent year, two DECA students qualified and competed at the national competition!

PRINCIPLES OF BUSINESS

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills requirements for career education and practical art graduation requirements.

Students that take Principles of Business will leave the class with an understanding of the many different aspects of business. Topics covered in this course include basic economic concepts, business ethics/social responsibility, entrepreneurship and business ownership, role of the government in business, culture and diversity, stock market basics, and human relations and professionalism. After taking this class, students may wish to enroll in other business specific classes based off of the learned topics.

PERSONAL FINANCIAL LITERACY *

Credits: 2.5

Grades: 9, 10, 11, 12

This course fulfills financial, economic, business & entrepreneurial literacy NJ State graduation requirements.

In this course students learn how to manage their personal finances now and in the future. Areas to be covered will include work related forms and laws, taxes, budgeting, banking services, and investments.

*Students also have the option of completing this course through an online option.

BUSINESS COMMUNICATIONS

Credits: 2.5

Grades: 11, 12, WBFA members only

Professional communication is the foundation for being college & career ready. This course emphasizes the understanding of how to utilize verbal, nonverbal, written and visual communication. It reinforces reading and listening skills, develops voice usage and speaking skills through various activities, polishes writing skills in a business environment and trains students to give business presentations.

BUSINESS / PERSONAL LAW

Credits: 2.5

Grades: 10, 11, 12

This course fulfills 50% of the graduation requirement for career education/practical arts.

Students in this course learn the rules of law as they apply to business and personal situations and transactions. Topics covered are Criminal and Civil Law, Contract Law, Torts, Bankruptcy, Types of Property, Agency and Employment, Renting/Owning a home and other related concepts

ACCOUNTING 1

Credits: 5

Grades: 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

The study of accounting helps the student develop an overall picture of the financial process involved in running a business. The students learn to organize and summarize financial facts and information to make fiscally responsible decisions. The computer is used in conjunction with manual exercises. This course also provides an excellent starting point for students thinking of pursuing a career as an accountant, accounting clerk, bookkeeper, or entrepreneur.

COLLEGE ACCOUNTING

Credits: 5

Prerequisite: Accounting 1

Grades: 11, 12

An introduction to basic concepts and principles of recording and posting financial information, preparation of trial balance, worksheet, and financial statements. Current assets and liabilities are emphasized.

ECONOMICS

Credits: 5

Grades: 10, 11, 12

This course fulfills financial, economic, business & entrepreneurial literacy NJ State graduation requirement OR this course may fulfill the graduation requirement for career education/practical arts.

The course teaches students skills and attitudes useful in making wise economic decisions in their own lives and includes instruction about the basic institutions in both private and public sectors which operate or affect the economy. Economics is the study of how individuals, businesses and societies make decisions regarding their limited resources and the effects of those choices.

MARKETING

Credits: 5

Grades: 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

Students taking this class will gain an understanding of the scope of marketing and will make the transition from thinking like a consumer to thinking like a marketer. Areas of study in this course include: marketing basics, promotional concepts and strategies, the marketing plan, selling, advertising, price planning, product development, and social media/e-commerce. Marketing provides an excellent background for those students planning to major in business.

ENTREPRENEURSHIP

Credits: 5

Grades: 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This course allows students to assess their entrepreneurial potential. Students complete individual business plans utilizing knowledge gained in the areas of: planning the small business, marketing, location and facility analysis, pricing, sales planning and financing. The course content is enhanced by a well-rounded group of guest speakers who share personal experiences with the students.

SPORTS AND ENTERTAINMENT MARKETING

Credits: 2.5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This course is designed for students interested in sports, entertainment and event marketing. The topics that are covered include: sports marketing profiles, categories of sports, sports products, product and price decisions, branding and licensing, sports promotion, entertainment products and marketing, entertainment promotion and careers. Activities include creative group projects, case studies, guest speakers and class trips.

INVESTING & GLOBAL FINANCE

Credits: 2.5

Prerequisite: Principles of Business

Grades: 11, 12

This course fulfills the graduation requirement for career education/practical arts.

Students will discover the basics of the most common types of investments, such as mutual funds, bonds, and stocks. Students will analyze how each type works, including advantages, disadvantages and the yield one could expect from them. In addition, students will learn how to manage investment portfolios and estimate the future value of investments. Students will also participate in a stock market game that simulates real world investing.

FINANCIAL INVESTIGATIONS/WHITE COLLAR CRIMES

Credits: 5

Prerequisite: Accounting

Grades: 11, 12

Students will be able to solve criminal activity (motivated by money or greed) using a financial investigative approach. This course provides a solid foundation for building skills in forensic accounting techniques, including gathering, interpreting, and documenting evidence. Students examine the investigative techniques used by accountants to conduct forensic examinations and financial investigations. The skills acquired in this course will enable students to assist businesses in detecting, investigating, documenting, and preventing fraud and other various white collar crimes. The course also introduces the many professional opportunities available to forensic accountants.

English

The English Department of Wall High School strives to develop all students as critical thinkers and problem solvers using the vehicles of literary analysis, research, and writing. This goal is achieved through the use of the workshop model style of effective teaching. The English department teaches writing techniques, oral and written communication skills, information literacy skills, the development of appreciation for and understanding of quality literature, and the development of acuity for critical listening and viewing. Through professional development and collegial dialogue, teachers standardize the curricula, yet embrace the flexibility to create lessons, which address the needs, interests and learning styles of their students.

CORE ENGLISH COURSES

ENGLISH 9 CP

Credits: 5

Grade: 9

This course develops students' critical reading and writing skills through the workshop model. Students will explore the study of literary genres such as the short story, dystopian novels, drama, flash fiction, fan-fiction, and nonfiction, as they sharpen their recognition of various literary elements and devices. Students will analyze literature from diverse authors. Students will explore narrative, literary analysis, expository and argumentative writing. There will be opportunities to study a variety of independent reading choices, as well as participate in book clubs and whole class novels.

ENGLISH 9 HONORS

Credits: 5

Prerequisite: Placement

Grade: 9

This course is designed for the student who has developed an exceptional proficiency in critical reading and thinking as well as advanced writing skills. Students are challenged with numerous fictional literary readings from several genres including short story, dystopian novels, drama, flash fiction, fan-fiction, and related non-fiction. Students will analyze literature from diverse authors. In addition, students complete extensive narrative, literary analysis, expository and argumentative writing assignments. Students explore the modes of writing on a more sophisticated level; reading and writing notebooks are used extensively to develop students' writing skills.

ENGLISH 10 CP

Credits: 5

Prerequisite: English 9 CP

Grade: 10

This course continues to develop students' critical reading and writing skills through the workshop model. Emphasis is placed on in-depth, analytical reading and discussion as well as on expository, narrative and argumentative writing. Students will analyze literature from diverse authors. Connected informational readings are introduced as students study their own literary choices through independent reading and book clubs. Students read and write independently at length through their interactive notebooks.

ENGLISH 10 HONORS

Credits: 5

Prerequisite: 85 in English 9 Honors OR 91 in English 9 CP with teacher recommendation

Grade: 10

This course is designed for the student who has developed an exceptional proficiency in critical reading and thinking as well as advanced writing skills. The literary content of this course is predominantly derived from student choice and non-fiction texts. Quantity and sophistication of selections surpasses that which is called for in the English 10 CP course. Students will analyze literature from diverse authors and will do a significant amount of reading independently; in addition, the writing is extensive and more sophisticated.

AP SEMINAR

Credits: 5

Prerequisite: 85 in English 9 Honors

Grade: 10

The College Board's AP Seminar is the first core course in the AP Capstone Diploma Program. This is a college-level course where students will explore diverse, cross-curricular perspectives through reading, writing, teamwork, and presenting. Students will be expected to read widely across both literary and informational texts to synthesize ideas and communicate arguments to an audience. Students are required to complete both team and individual projects, essays, and presentations. All students enrolled in this Advanced Placement course are required to take the Advanced Placement Exam in May.

ENGLISH 11 CP

Credits: 5

Prerequisite: English 10 CP

Grade: 11

This course continues to develop students' critical reading and writing skills through the workshop model. It is designed to give students extensive choices in the selection of their reading. Students will explore the study of literary genres such as memoir, drama, and nonfiction. Students will analyze literature from diverse authors and read analytically and hone their skills for college and career readiness. Emphasis is placed on the analysis, synthesis and evaluation of text. In this course, students will continue their study of narrative, literary analysis, and persuasive writing techniques. A blend of independent reading, book clubs, and whole-class novels will be employed.

ENGLISH 11 HONORS

Credits: 5

Prerequisite: 85 in English 10 Honors OR 91 in English 10 CP with teacher recommendation

Grade: 11

This course is designed for the student who has developed an exceptional proficiency in critical reading and thinking as well as advanced writing skills. The content of this course is derived from independent reading choices, book clubs and whole-class novels. Students will analyze literature from diverse authors. Reading and writing assignments are extensive and sophisticated and include literary analysis, narrative and persuasive writing techniques. The course emphasizes thematic analysis of the literature as well as the historical and social background of the time period. Students explore the modes of writing on a more sophisticated level; reading and writing notebooks are used extensively to develop students' writing skills.

AP ENGLISH LANGUAGE AND COMPOSITION

Credits: 5

Prerequisite: 91 in English 10 Honors with teacher recommendation

Grade: 11

The AP English Language and Composition Course is a college-level survey course of British literature threaded with a rhetorical emphasis. Students will be expected to read widely and critically, to explore rhetorical strategies, and to respond to their readings both with discussions and with in class timed and out-of-class writings that emphasize the particular forms of argumentation, narration, and exposition. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

ENGLISH 12 CP

Credits: 5

Prerequisite: English 11 CP

Grade: 12

This course provides students with challenging reading, writing and thinking experiences. The design, materials, and approaches for this course enable students to establish a mindset that anticipates the intellectual sophistication necessary for success beyond high school. Students receive instruction and practice in the workshop model. Students will analyze literature from diverse authors. In order to develop writing skills, students will focus on literary analysis, narrative and persuasive writing techniques. Students will be required to write a research paper reinforcing MLA format. Students will analyze the study of literary genres such as the memoir, existentialism, drama, and nonfictional works of literature as they develop their critical thinking skills in a culminating project.

ENGLISH 12 HONORS

Credits: 5

Prerequisite: 85 in English 11 Honors OR 91 in English 11 CP with teacher recommendation

Grade: 12

This course is designed for the student who has developed an exceptional proficiency in critical reading and thinking as well as advanced writing skills. The class demands intellectual curiosity concerning fundamental questions of life and being. Such curiosity develops best within a context of familiarity with variant viewpoints that challenges set or assumed notions on given universal themes. It also cultivates in the participants the ability to formulate their own series of questions that lead them to the answers they personally seek. For this reason, the course functions as a Socratic Seminar, employing a shared inquiry method of investigation of existentialist authors, Shakespearean Soliloquies and texts, non-fiction, and extensive writing. In order to develop writing skills, students will focus on literary analysis, narrative and persuasive writing techniques. Students will be required to write a research paper reinforcing MLA format. Students will analyze literature from diverse authors.

AP ENGLISH LITERATURE AND COMPOSITION

Credits: 5

Prerequisite: AP Language & Composition OR 91 in English 11 Honors with teacher recommendation

Grade: 12

This course offers students many sources to acquire the knowledge and skills needed to successfully handle college level literature and analytical writing. Students study the nature of tragedy, comedy, tragicomedy, and satire in drama, novels, short stories and poetry. In addition, students study the elements of fiction as they contribute to the development of recognized universal literary themes. Students are expected to read widely and critically, sometimes multiple works simultaneously, and to respond to their readings with discussions and with in-class timed writing and out of-class writing. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

ENGLISH ELECTIVES

CREATIVE WRITING 1

Credits: 2.5

Grades: 10, 11, 12

Designed as a writing workshop, this course allows students to explore their own creative potential by writing short stories and poems. Students receive basic tutelage in genre-specific style and structure. Students read and discuss model short stories and poems to assist them in developing their own writing skills. Upon completion of this course, students have a better understanding of creative writing techniques and a deeper appreciation for the writing craft. While creativity is encouraged, emphasis is placed upon the content and substance of the student's work.

CREATIVE WRITING 2

Credits: 2.5

Prerequisite: Creative Writing 1

Grades: 10, 11, 12

This elective provides developing writers with a forum to further hone the skills they developed in Creative Writing 1. Creative Writing 2 is designed as a writing workshop, much like Creative Writing 1; however, the course will provide a much more focused, intense experience. Creative Writing 2 will focus on three activities. First, students develop the elements of short fiction in their writing, such as plot, characterization, point of view and theme, according to strategies they learned in Creative Writing 1. Second, students provide feedback to one another in writing circles. Third, students read and analyze short stories by professional writers according to several accepted critical approaches, such as psychological, gender, economic and sociological. At the culmination of this class, students are encouraged to publish work.

FANTASY FICTION 1

Credits: 2.5

Grades: 10, 11, 12

This elective combines high-interest material with high-level literary analysis. In Fantasy Fiction Part 1 students will read various works from the fantasy genre, including but not limited to Harry Potter, Percy Jackson, mythology such as the Legend of King Arthur, and shorter works by writers like Neil Gaiman. Film, cartoon, and graphic novel presentations will also be included in class material. An English elective, Fantasy Fiction will introduce students to literary analysis, a method of examining a work of literature through various lenses, including but not limited to biographical, Freudian and Jungian psychology, Feminism, Ecocriticism, and Marxism, through which the works will come alive and the writer's intentions be illuminated. Students will complete formative and summative assessments, including reading check quizzes, and demonstrate college-level writing ability while making claims, finding evidence, and organizing their writing. Homework will include reading exciting fantasy texts.

FANTASY FICTION 2

Credits: 2.5

Grades: 10, 11, 12

This elective, which is a continuation of Fantasy Fiction Part 1, combines high-interest material with high-level literary analysis. In Fantasy Fiction Part 2 students will read various works from the fantasy genre, including but not limited to Harry Potter, the Lord of the Rings, world mythology, mystical fiction by modern writers, and shorter works by writers like Neil Gaiman. Film, cartoon, and graphic novel presentations will also be included in class material. An English elective, Fantasy Fiction will introduce students to literary analysis, a method of examining a work of literature through various lenses, including but not limited to biographical, Freudian and Jungian psychology, Feminism, Ecocriticism, and Marxism, through which the works will come alive and the writer's intentions be illuminated. Students will complete formative and summative assessments, including reading check quizzes, and demonstrate college-level writing ability while making claims, finding evidence, and organizing their writing. Homework will include reading exciting fantasy texts.

LOST LITERATURE: CONTROVERSIAL AND BANNED WORKS

Credits: 2.5

Grades: 10, 11, 12

In this course, students explore numerous stories, novels, and films that have vanished from the average literature curriculum for various reasons. While this entails reading and analyzing literature, time will also be spent examining the conditions under which this literature has been removed and the groups that wanted it erased from literary history. This course features writing and group research assignments, literature circles, film analysis, and class discussions. Novels covered in this course include: George Orwell's *1984*, Kurt Vonnegut's *Slaughterhouse Five*, Cormac McCarthy's *The Road*, and Stephen King's *Carrie*. Join this course before it disappears.

STEPHEN KING AND THE AMERICAN NIGHTMARE

Credits: 2.5

Grades: 10, 11, 12

Through careful study of the life and works of Stephen King, one can simultaneously face fear and strengthen close reading skills. This class will introduce students to the mystery and horror of King's finest writing and the tragedy and victory that he experienced in his own life. With allusions to literary classics and current social issues, students will engage themselves in sincere discussions that revolve around life's challenges and how one can overcome them through the study of fictional struggles. Works of study will include King's classic *The Shining*, his collection of short stories from 1978 titled *Night Shift*, current mystery *Joyland* and the autobiographical *On Writing: A Memoir of the Craft*.

THE HERO'S JOURNEY: A MYTHIC ADVENTURE

Credits: 2.5

Grades: 11, 12

The Hero's Journey is a timeless and universal narrative structure that has captivated audiences for centuries. It has been a guiding framework for storytelling, from ancient myths and epic tales like *Beowulf* to contemporary literature and cinema like *Star Wars*. This elective course invites students to embark on a profound exploration of this archetypal narrative, dissecting its components, and applying its principles to a wide range of texts and media.

JOURNALISM

Credits: 2.5

Grades: 9-12

The goal of this course is to introduce students to basic reporting experiences including, but not limited to, interviewing, researching and writing news, features, opinions and editorials, sports and even try their hand at photojournalism. Students will be assigned stories that run the spectrum of the journalistic form with variable deadlines. They will also generate and develop their own story ideas with the ultimate goal of getting them approved and published.

Limited English Proficient Students (LEP)

The Limited English Proficient (LEP) program is designed to meet the needs of students whose native language is not English and whose proficiency in English is limited. The LEP Program emphasizes the acquisition of basic interpersonal communication skills for successful social interaction and cognitive academic language proficiency to support success in the mainstream academic program.

MULTILINGUAL LEARNERS (ML)

Credits: 5

Grades: 9, 10, 11, 12

Each student is evaluated using the WIDA screener assessment instrument to determine English proficiency. A proficiency level is assigned, and the student is placed in the ML course for one to two class periods per day. Students may also be supported by certified teachers who provide content-based instruction focusing on language skills to enhance comprehension. Students may also be required to take a math readiness assessment upon entering Wall High School. Each year, ML students are assessed using the ACCESS assessment instrument to determine growth in English proficiency.

Family Life & Consumer Science

The Wall Township High School Family Life and Consumer Science program enables students to make informed decisions that prepare them to engage as active citizens in a dynamic global society and to successfully meet the challenges and opportunities of the 21st-century workplace. Students demonstrate the essential components of character development including trustworthiness, responsibility, respect, fairness, caring, and citizenship. Students apply principles of resource management and skills that promote personal and professional well-being. Wellness, nutrition, child development, and human relationships are an important part of consumer, family, and life skills.

CONTEMPORARY LIVING

Credits: 5

Grades: 9, 10

This course fulfills the graduation requirement for career education/practical arts.

Contemporary Living focuses on useful skills for today's teens living in contemporary society. Students gain hands-on experience in the various areas of home and life skills. This course serves as an introduction to the courses offered in the Family Life department. Topics covered include: food preparation, nutrition, textile arts, clothing construction and childcare.

FOOD AND FITNESS

Credits: 5

Grades: 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This nutrition course emphasizes the relationship between diet, health and fitness. Units of study include the importance of proper nutrition and nutrients, evaluation of food and nutrition fads, importance of physical fitness, weight control, healthy snacking, food labeling and meal planning. Students participate in weekly lab experiences pertaining to each unit of study.

CULINARY ARTS

Credits: 5

Prerequisite: Food and Fitness

Grades: 11, 12

This course fulfills the graduation requirement for career education/practical arts.

Culinary Arts is an advanced food preparation course. Units of study include food science, advanced baking, international foods and gourmet foods. Students are involved in discussions, demonstrations, projects and lab experiences pertaining to each area of study.

FASHION AND INTERIOR DESIGN

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

From the clothes we wear to the homes we live in, fashion and design is all around us. In this course, students who have a flair for fashion or who constantly redecorate their room find out what it is like to work in the Fashion or Interior design industry by exploring career possibilities and the background needed to pursue them. Students will learn about the influence fashion has in their lives. Students will learn sewing techniques including and construct apparel using a pattern. Students will design and create through a project-based process, learning how color, composition, and texture can all affect apparel and interior design aesthetics then test their skills through hands-on projects. In addition, they develop the essential communication skills that build success in any business.

Mathematics

The Mathematics Department at Wall High School offers an array of courses that encompasses various topics for both college bound students as well as those students who opt to go directly into the workforce. Teachers in the math department are committed to consistently planning and executing engaging lessons that afford all learners an opportunity for growth. By infusing technology such as graphing calculators, Chromebooks, ELMO Document cameras and mathematics software, teachers are able to model abstract mathematical concepts in a concrete understandable method. This department is dedicated to keeping current with best practices to meet the needs of all of our students.

CORE MATHEMATICS COURSES

ALGEBRA 1 CP

Credits: 5

Grades: 9, 10

This course is a systematic investigation of the properties of the real number system. The course is designed to deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibit a linear trend. Students will also engage in methods for analyzing, solving, and using quadratic functions. This course integrates the elements of algebra with technology, problem solving, application and mathematical modeling. Through the Mathematical Practice Standards students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

ALGEBRA 1 LAB

Credits: 5

Grades: 9, 10

This course supports student learning that occurs in the Algebra 1 CP course. Students will have the opportunity to review and preview essential mathematical concepts that promote conceptual understanding of the mathematics taught in the Algebra 1 CP course.

**This course is considered a support math course and does not fulfill the 3 year math graduation requirement.*

GEOMETRY CP

Credits: 5

Prerequisite: Algebra 1 CP

Grades: 9, 10, 11, 12

This course is intended to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Students apply transformations in this course to support a deeper understanding of the geometric concepts. This course is the study of the size, shape, and position of figures in space. It consists of the development of an understanding of mathematical proof, the improvement of the quality of thinking in non-mathematical situations, the introduction of the manner in which algebra and geometry complement each other, and the realization of plane and space relationships. Through the Mathematical Practice Standards students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

GEOMETRY HONORS

Credits: 5

Prerequisite: Placement Grade 9 or 91 in Algebra 1 CP with teacher recommendation

Grade: 9, 10

This course differs from the non-honors course in the scope, pace and level of difficulty. This course is intended to formalize and extend students' geometric experiences from the middle grades. Students explore more complex geometric situations and deepen their explanations of geometric relationships, moving towards formal mathematical arguments. Students apply transformations in this course to support a deeper understanding of the geometric concepts. This course is the study of the size, shape, and position of figures in space. It consists of the development of an understanding of mathematical proof, the improvement of the quality of thinking in non-mathematical situations, the introduction of the manner in which algebra and geometry complement each other, and the realization of plane and space relationships. Through the Mathematical Practice Standards students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

INTEGRATED MODERN ALGEBRA

Credits: 5

Prerequisite: Algebra 1 CP and Geometry CP

Grades: 11, 12

The curriculum for Integrated Modern Algebra is based on the belief that mastery in learning takes place over an extended period of time. When a skill or concept is introduced and practiced, students develop familiarity with it. The intent of this course is to enable students to move toward independent learning within the context of review and extension of these skills with introduction to topics essential for further study of mathematics. Emphasis is placed on reinforcement of fundamental skills and concepts. The course focuses on families of functions, including linear, quadratic, exponential and rational functions. Students are introduced to the complex number system. Other topics of study include trigonometry and data trends. As this course follows Algebra 1 and Geometry, students who successfully complete this course will meet the NJDOE three-year mathematics graduation requirement. Students who successfully complete and wish to continue to pursue mathematics at Wall High School can enroll in Algebra 2 CP as a senior. As this is a non-required precursor for Algebra 2 CP, students who have successfully completed Algebra 2 CP are not eligible to take this course

ALGEBRA 2 CP

Credits: 5

Prerequisite: Algebra 1 CP and Geometry CP or Honors

Grades: 9, 10, 11, 12

This course is intended to build upon student work with linear, quadratic, and exponential functions. Students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Through the Mathematical Practice Standards students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

ALGEBRA 2 HONORS

Credits: 5

Prerequisites: Placement Grade 9, Geometry Honors or 91 in Algebra 1 CP AND 91 in Geometry CP with teacher recommendation

Grades: 9, 10, 11

This course differs from the non-honors course in the scope, pace and level of difficulty. This course is intended to build upon student work with linear, quadratic, and exponential functions. Students extend their repertoire of functions to include polynomial, rational, and radical functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. Through the Mathematical Practice Standards students experience mathematics as a coherent, useful, and logical subject that makes use of their ability to make sense of problem situations.

TRIGONOMETRY & ANALYTICAL GEOMETRY

Credits: 5

Prerequisite: Algebra 2 CP

Grade: 11, 12

The goal of this course is to expand and reinforce the ability to understand, manipulate, and apply continuous functions in a variety of situations. It is divided into two major units of study; trigonometry and analytic geometry. By examining problems from graphical, numerical, and algebraic perspectives this course will prepare students for any college level math course that does not require calculus as a prerequisite. Students who have completed a Pre-Calculus course are not eligible to take this course.

PRE-CALCULUS CP

Credits: 5

Prerequisite: 80 in Algebra 2 CP or teacher recommendation

Grade: 10, 11, 12

The goal of this course is to expand and reinforce the ability to understand, manipulate, and apply continuous functions in a variety of situations. By examining problems from graphical, numerical, and algebraic perspectives this course will prepare students for calculus, statistics and higher mathematics. The course focuses on function families including polynomial, rational, logarithmic, and trigonometric functions. Conic sections are another topic of study. Graphing calculator use is emphasized. The use of technology is infused to gather, analyze, and communicate mathematical information.

PRE-CALCULUS HONORS

Credits: 5

Prerequisite: Algebra 2 Honors or 91 in Algebra 2 CP with teacher recommendation

Grade: 10, 11, 12

This course is designed for the mathematically talented students who are interested in pursuing mathematics at an advanced level, particularly Advanced Placement Calculus. The course focuses on trigonometry, function analysis, and an introduction to calculus designed to prepare students for success in future advanced mathematics courses. Graphing, problem solving, and analysis are stressed. Students are exposed to assessment strategies aligned to work expected in an AP Calculus course. Graphing calculator use is emphasized. The use of technology is infused to gather, analyze, and communicate mathematical information.

CALCULUS HONORS

Credits: 5

Prerequisite: Pre-Calculus Honors or 80 in Pre-Calculus CP or teacher recommendation

Grade: 11, 12

Calculus is not only the language for expressing physical laws in precise mathematical terms, but it is also a tool for studying these laws. This course involves a comprehensive study of differential and integral calculus. The concepts of limits and continuity are analyzed as the basis for the study of calculus. A balance is maintained between theory, applications and manipulative techniques. This course prepares students for future study in college level mathematics.

AP CALCULUS AB

Credits: 5

Prerequisite: Pre-Calculus Honors or Calculus Honors

Grade: 11, 12

Students learn to appreciate the value of calculus as the mathematics of change and motion. This course prepares students for further study in all branches of higher mathematics, science and related fields. The course emphasizes an approach to calculus that involves problems being expressed numerically, analytically, graphically and verbally. Technology is used regularly to reinforce these approaches to confirm written work, to implement experimentation and assist in interpreting results. This course is equivalent to a college Calculus 1 course. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP CALCULUS BC

Credits: 5

Prerequisite: AP Calculus AB

Grade: 12

Students continue their study of Calculus continuing with more complex integration and more advanced applications of derivatives, sequences and power series. Students make regular use of the graphing calculator to reinforce these approaches to confirm written work, to implement experimentation and to assist in interpreting results. This course is equivalent to a college Calculus 2 course. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP STATISTICS

Credits: 5

Prerequisite: Algebra 2 Honors or Pre-Calculus Honors or 91 in Algebra 2 CP

Grades: 10, 11, 12

The purpose of the course is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The topics covered in this course are divided into four major themes: Exploring Data: Describing patterns and departures from patterns, Sampling and Experimentation: Planning and conducting a study, Anticipating Patterns: Exploring random phenomena using probability and simulation, Statistical Inference: Estimating population parameters and testing hypotheses. Students use graphing calculators and computer technology extensively to organize and analyze data. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP COMPUTER SCIENCE A

Credits: 5

Prerequisite: 85 in Geometry CP or completion of Geometry Honors or Algebra 2 Honors

Grades: 10, 11, 12

Introduces students to computer science with fundamental topics that include problem-solving, design strategies and methodologies, the organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. The goals of the AP Computer Science A course are comparable to those in the introductory course for computer science majors offered in many college and university computer science departments. The AP Computer Science A course is intended to serve both as an introductory course for computer science majors and as a course for people who will major in other disciplines and want to be informed citizens in today's technological society. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

STATISTICS

Credits: 5

Prerequisites: Algebra 1 and Geometry

Grades: 10, 11, 12

Statistics is the science of understanding data. This course begins with an overview of statistical design, visual representations of data, and measures of central tendency and explores how these elements can be applied to everyday real-life situations. This course aims to introduce students to the critical thinking skills they need to understand statistical topics that they may encounter in the popular media or their future careers. Students will learn to critically evaluate the statistical information they encounter during everyday life, with a focus on becoming intelligent consumers, rather than producers, of data. Technology will be used to simplify calculation and display charts and graphs, and also to generate and access appropriate data for activities and projects. Graphing calculators are used extensively in this course.

**This course is considered an elective math course and does not fulfill the 3 year math graduation requirement.*

Junior Reserve Officer Training Corps/ Navy National Defense Cadet Corps

The Wall Township High School JROTC/NNDC program emphasizes the development of leadership skills, academic achievement, responsible citizenship, an appreciation for our Nation's maritime heritage and the importance of American sea power. Naval topics such as the fundamentals of naval operations, oceanography, seamanship, navigation and meteorology are studied. Students participate in a number of extracurricular activities throughout the year that provide practical experience and reinforce classroom instruction. Activities include cruises aboard U.S. Navy ships, military flights, visits to naval and military bases, rifle marksmanship, drill competition and field meets. The Navy provides textbooks, training aids, and a limited travel allowance. **The courses listed below fulfill some of the requirements for the Wall High School Service & Leadership Academy. There is no student military obligation.**

NAVAL SCIENCE 1

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

Students are introduced to the JROTC/NNDC program in this course. Units of study include: Introduction to Leadership and Citizenship, Physical Fitness and Personal Hygiene, First Aid, Substance Abuse Prevention, the Navy's Role in American Democracy, Sea Power, Naval Ships, Navy Organization, Chain of Command, Maritime Geography, Naval History through 1815 and Basic Seamanship.

NAVAL SCIENCE 2

Credits: 5

Prerequisite: Naval Science 1

Grades: 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This course provides ongoing instruction in leadership theories, self-discipline and physical fitness. Units of study include: Naval Department Organization, Citizenship in the U.S. and Other Countries, Naval History from 1815 through 1930, Naval Ships and Shipboard Operations, Naval Weapons, Navigation Fundamentals and Rules of the Road, Small Boat Seamanship, Meteorology and Weather, and Survival Training and Orienteering. Throughout Naval Science 2, increased emphasis is placed on cadet accountability and the assumption of responsibilities equal to his/her respective rank within the cadet organization.

NAVAL SCIENCE 3

Credits: 5

Prerequisite: Naval Science 2

Grades: 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This course provides ongoing instruction in practical leadership skills, self-discipline and physical fitness. Units of study include: Military Justice, Astronomy, International Law and the Sea, National Strategy, the role of Sea Power and Naval Operations in National Security, Naval History from 1930 through today, Naval Intelligence, Maneuvering Board, Challenges of Future Navy Research, and Naval Communications. Increased emphasis is placed upon Naval Science 3 cadets to assume greater responsibilities for the day-to-day operations of the cadet organization.

NAVAL SCIENCE 4

Credits: 5

Prerequisite: Naval Science 3

Grade: 12

This course fulfills the graduation requirement for career education/practical arts.

This course includes instruction in theoretical and applied aspects of leadership, personnel training, and evaluation of performance. Students practice techniques used to motivate others, develop goals, direct the activities of work groups and provide appropriate leadership examples to underclass cadets. Naval Science 4 cadets also apply these principles by leading younger cadets in military drill, conducting inspections, competing in athletic events and participating in other activities. Cadets are expected to provide the functional hands-on leadership of the organization under the supervision of the JROTC/NNDC Instructors.

PHYSICAL TRAINING 9

Credits: 3.75

Grade: 9

This course fulfills the graduation requirement for Physical Education 9.

This course focuses on the concept of fitness. Physical training has many dimensions, ranging from getting in and staying in shape to marching, drill and practice. Consistent training, flexible workouts and good nutrition are key to any fitness program. At the end of this course you will be prepared to take the Physical Readiness Test.

PHYSICAL TRAINING 10

Credits: 3.75

Prerequisite: Physical Training 9

Grade: 10

This course fulfills the graduation requirement for Physical Education 10.

This course continues with a focus on fitness. Physical training will include running, strength training, and calisthenics. Students will continue to practice marching and drill skills. At the end of this course you will be prepared to take the Physical Readiness Test.

PHYSICAL TRAINING 11

Credits: 3.75

Prerequisite: Physical Training 10

Grade: 11

This course fulfills the graduation requirement for Physical Education 11.

This course continues to increase intensity of physical training. Students will practice the skills necessary to pass the Physical Readiness Test which includes running, strength training and calisthenics. Focus will continue on marching and drill skills.

PHYSICAL TRAINING 12

Credits: 3.75

Prerequisite: Physical Training 11

Grade: 12

This course fulfills the graduation requirement for Physical Education 12.

This course continues to increase intensity of physical training. Students will practice the skills necessary to pass the Physical Readiness Test which includes running, strength training and calisthenics. Focus will continue on marching and drill skills.

Physical Education & Health

The Health and Physical Education Department is committed to the development of healthy students who are knowledgeable, emotionally and physically healthy, motivated, civically involved and possess the skills necessary for success in the 21st century. The program emphasizes the natural interdisciplinary connection between health and physical education and promotes the development of healthy behaviors, a physically active lifestyle and an understanding of cultural influences on such behaviors. Students are encouraged to use health resources in personal decision making and develop an understanding of national and international health issues.

PHYSICAL EDUCATION

Credits: 3.75

Grades: 9, 10, 11, 12

Developmental skills, strengths, coordination and game sense are expected to become more refined and better developed with each completed grade level. To meet those goals, the department offers all students a broad program, which includes developmental, individual and team activities. The activities are aimed at forming a strong foundation for a lifelong healthy lifestyle.

UNIFIED PHYSICAL EDUCATION

Credits: 3.75

Grades: 10, 11, 12

Unified PE focuses on the physical, intellectual and social growth for all students. Students of all ability levels come together through ongoing fitness, sports, leadership, and wellness activities. Engaging in physical activity and sports alongside peers with and without disabilities creates important social relationships.

HEALTH EDUCATION

Credits: 1.25

Grades: 9, 11, 12

This course is designed to help high school students extend their conceptualization of knowledge, attitudes and skills related to health issues in today's society. The focus is on students dealing with the world today and preparing for adult living based on a health and wellness ethic by recognizing the need for wellness over a lifetime. Areas studied include but are not limited to: personal health, growth and development, nutrition, diseases, goal setting, principles of training, cardiovascular fitness, muscular fitness, body composition, consumer issues, safety, relationships, signs of suicide, sexuality, pregnancy and parenting, alcohol, tobacco and other drugs.

DRIVERS EDUCATION

Credits: 1.25

Grade: 10

The goal of this course is for students to acquire the knowledge necessary to make responsible driving decisions in today's fast-moving society. Fundamentals covered include: basic functioning of the automobile, rules of the road, navigational aids, weather conditions, law enforcement, safety and physical conditions while driving. The students gain an understanding of the negative effects and consequences of consuming alcohol and/or drugs and how they impair decisions when operating a motor vehicle.

Science

The Wall High Science Department is committed to the development of scientifically literate students who possess the knowledge, critical thinking and problem solving skills essential for success in the 21st century. Our science program promotes an understanding of the natural world, encourages students to use scientific processes in personal decision making, and provides opportunities for students to apply scientific knowledge. Through the science courses students will actively engage in scientific and engineering practices and apply crosscutting concepts to deepen their understanding of the core ideas. These learning experiences will engage students with fundamental questions about the world and with how scientists have investigated and found answers to those questions. Additionally, our students have access to extensive supplementary resources, including on-site greenhouse facilities that help engage our students in meaningful learning experiences.

CORE SCIENCE COURSES

BIOLOGY CP

Credits: 5

Grade: 9

Explore the intricate web of life in Biology! In this course, students will delve into the wonders of living organisms and the biological processes that shape the natural world. From the microscopic world of cells to the complex ecosystems that sustain life, students will build science and engineering skills as they make sense of the biological world, and recognize common themes that transcend all sciences. This course fosters an understanding of the interconnectedness of living things, human impacts on the environment, cellular processes, genetics, and evolution while aiming to instill a sense of wonder and appreciation for the diversity and complexity of life on Earth. Students will demonstrate understanding through various forms of assessment including performance expectations and lab experiences.

BIOLOGY HONORS

Credits: 5

Prerequisite: Placement Grade 9

Grade: 9

The honors course differs from the non-honors course in the level of academic rigor and expectation of learner autonomy. Explore the intricate web of life in Biology! In this course, students will delve into the wonders of living organisms and the biological processes that shape the natural world. From the microscopic world of cells to the complex ecosystems that sustain life, students will build science and engineering skills as they make sense of the biological world, and recognize common themes that transcend all sciences. This course fosters an understanding of the interconnectedness of living things, human impacts on the environment, cellular processes, genetics, and evolution while aiming to instill a sense of wonder and appreciation for the diversity and complexity of life on Earth. Students will demonstrate understanding through various forms of assessment including performance expectations and lab experiences.

CHEMISTRY CP

Credits: 5

Prerequisite: Biology CP or Honors

Grades: 10, 11

Embark on a journey into the molecular realm of Chemistry! In this course, students will uncover the fundamental principles that govern the behavior of matter and energy at the atomic and molecular levels. Students will build science and engineering skills through investigations and laboratory work, as they make sense of the molecular world, and recognize common themes that transcend all science. Students will gain a solid foundation in atomic and molecular models and properties, periodic patterns, and chemical reactions while making connections to the chemistry of living systems and appreciating the role of chemistry in the real world all around us. Students will demonstrate understanding through various forms of assessment including performance expectations and lab experiences.

CHEMISTRY HONORS

Credits: 5

Prerequisite: Biology Honors or 91 in Biology CP with teacher recommendation, completion of or enrollment in Algebra 2 Honors is strongly suggested

Grade: 10

The honors course differs from the non-honors course in the level of mathematical reasoning, academic rigor, and expectation of learner autonomy. Embark on a journey into the molecular realm of Chemistry! In this course, students will uncover the fundamental principles that govern the behavior of matter and energy at the atomic and molecular levels. Students will build science and engineering skills through investigations and laboratory work, as they make sense of the molecular world, and recognize common themes that transcend all science. Students will gain a solid foundation in atomic and molecular models and properties, periodic patterns, and chemical reactions while making connections to the chemistry of living systems and appreciating the role of chemistry in the real world all around us. Students will demonstrate understanding through various forms of assessment including performance expectations and lab experiences.

PHYSICS CP

Credits: 5

Prerequisite: Chemistry CP

Grades: 11, 12

Dive into the laws that govern the physical universe in Physics! In this course, students explore the fundamental principles that dictate the behavior of matter and energy in systems of various scales. Students will build science and engineering skills through investigations, engineering design, and real-world applications as they make sense of the physical world around them and recognize common themes that transcend all science. This course challenges students to think critically, solve problems, and view the world through a scientific lens, laying the groundwork for a deeper understanding of the physical phenomena that shape our existence. Students will demonstrate understanding through various forms of assessment including performance expectations and lab experiences.

PHYSICS HONORS

Credits: 5

Prerequisite: 85 in Chemistry Honors or 91 in Chemistry CPA with teacher recommendation and completion of Algebra 2 CP or Honors

Grades: 11, 12

The honors course differs from the non-honors course in the level of mathematical reasoning, academic rigor, and expectation of learner autonomy. Dive into the laws that govern the physical universe in Physics! In this course, students explore the fundamental principles that dictate the behavior of matter and energy in systems of various scales. Students will build science and engineering skills through investigations, engineering design, and real-world applications as they make sense of the physical world around them and recognize common themes that transcend all science. This course challenges students to think critically, solve problems, and view the world through a scientific lens, laying the groundwork for a deeper understanding of the physical phenomena that shape our existence. Students will demonstrate understanding through various forms of assessment including performance expectations and lab experiences.

AP BIOLOGY

Credits: 10

Prerequisite: 85 in Biology Honors and Chemistry Honors OR 91 in Biology CP and Chemistry CPA

Grades: 11, 12

This course presents a comprehensive, first-year college biology curriculum. Students are expected to read, understand, and interpret biological data and analyze biological processes. The laboratory component offers students opportunities to design their own experiments and analyze data using basic statistical tests. Areas of study include ecology, evolution and biodiversity, cell biology, genetics, biotechnology and body systems. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP CHEMISTRY

Credits: 10

Prerequisite: 85 in Chemistry Honors

Grades: 11, 12

This course presents a comprehensive, first-year college chemistry curriculum designed for college bound students with inclinations towards engineering and sciences. This course includes sophisticated lab work, in-depth theory analysis, and rigorous problem solving. AP Chemistry may be taken in conjunction with Physics. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP ENVIRONMENTAL SCIENCE

Credits: 5

Prerequisite: 85 in Biology Honors and Chemistry Honors or 91 in Biology CP and Chemistry CPA

Grades: 11, 12

This course is designed to be the equivalent of a one-semester, introductory college course in environmental science. The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP PHYSICS 1

Credits: 5

Prerequisite: 85 in Physics Honors or teacher recommendation. *Enrollment without a prior physics course will be considered with teacher recommendation and success in a previous AP Math or AP Science course.*

Grade: 11, 12

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry based learning, students will develop scientific critical thinking and reasoning skills. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

SCIENCE ELECTIVES

ANATOMY, PHYSIOLOGY AND KINESIOLOGY HONORS

Credits: 5

Prerequisite: Chemistry Honors or 91 in Chemistry CPA

Grades: 11, 12

This course is designed for students who wish to pursue a career in the medical or health-related fields. The focus is human anatomy and physiology beginning with the chemical level and going through the cellular, tissue, organ, and systemic levels of organization. Emphasis is placed on critical thinking in an effort to diagnose and understand the causes of and possible solutions to medical and health problems.

ENVIRONMENTAL SCIENCE

Credits: 2.5

Grades: 10, 11, 12

This course is designed to show connections between humans and their environment. It gives students a realistic picture of a variety of scientific concepts and how those concepts relate to current environmental issues. The aim of this course is to increase students' knowledge of the environmental challenges of today, while continuing to cultivate scientific critical thinking skills. Students will be exposed to a hands-on approach to the laboratory and project work. This course will provide students with an overview study of air and water pollution, endangered species, human population, recycling, ecology and energy.

FORENSIC SCIENCE

Credits: 5

Prerequisite: Chemistry CP

Grades: 11, 12

This course provides students an introduction to the science of forensics. Students explore concepts through a variety of laboratory investigations. Topics of study include DNA analysis, crime, anthropology, comparative skeletal anatomy, blood composition and behavior, entomology as it relates to crime solving, genetics, odontology, and pathology. Warning: crime scene images and descriptions may be graphic in nature.

HORTICULTURE 1

Credits: 2.5

Prerequisite: Completion of 2 years of lab science

Grades: 12

This course is designed for students who express an interest in Plant Science and Horticulture. It offers both regular classroom instruction in basic botanical principles as well as hands-on lab experiences in our on-site working greenhouse facility. Students study fundamental horticultural principles including taxonomy, plant anatomy and physiology, asexual propagation of plants as well as careers in the field of horticulture. All students will conduct both teacher and self-designed experiments in various aspects of plant growth and development.

HORTICULTURE 2

Credits: 2.5

Prerequisite: Completion of Horticulture 1

Grades: 12

The focus of this course is on flowering plants, soil science and landscape design. This course offers both regular classroom instruction as well as hands-on lab experiences in our on-site working greenhouse facility. Students examine the horticultural and botanical principles relating to flower, seed and fruit formation and the use of plants of all kinds in the landscape. Students also learn the basics of operating a commercial greenhouse by mass growing a variety of annual plants which will be offered for sale.

MARINE OCEANOGRAPHY

Credits: 2.5

Prerequisite: Chemistry CP

Grades: 11, 12

The course will focus on the abiotic (Non-living) components that make up the ocean environment. Topics include but are not limited to: Bathymetry, winds, surface and deep water currents, tides, waves, and chemical properties of seawater.

MARINE BIOLOGY

Credits: 2.5

Prerequisites: Chemistry CP

Grades: 11, 12

The course will focus on the biotic (living) components that make up the ocean environment. Topics include but are not limited to: The co-evolution of life and the earth, classification of life, plankton, marine invertebrates, fishes, reptiles, birds, mammals, marine ecosystems, and human impacts.

SPORTS MEDICINE

Credits: 5

Prerequisite: Biology CP

Grades: 10, 11, 12

Sports Medicine offers students an introduction to the broad field of sports medicine. In this course, students learn about various medical careers with an emphasis on athletic training. Students learn techniques for preventing sport related injuries; recognition of specific injuries and conditions; and care and rehabilitation of these injuries. Lessons combine observations and research, hands on experiences, and scenarios-based skill practice to maximize student learning.

Social Studies

The Wall Township High School Social Studies program provides learners with the knowledge, skills, and perspectives needed to become contributing members of local, state, national, and global communities. Students are encouraged to explore civic duties, gain global awareness and become socially responsible citizens. Through a variety of experiences, students are exposed to multiple perspectives to encourage them to become informed decision makers. Students utilize 21st century technologies to communicate and collaborate with citizens in our global community.

CORE SOCIAL STUDIES COURSES

MODERN WORLD HISTORY CP

Credits: 5

Grade: 9

This course traces the emergence of modern nations and civilization in the 19th and 20th centuries. Students investigate the evolution of modern Germany, Italy and Russia in the West, and the emerging nations of Asia. They also study the impact of the 19th century colonialism in Africa and Asia, those problems, which led to the Great War of 1914 and its effect on the world. It traces the development and impact of fascism on the world leading up to World War II and the Holocaust. Finally, the students explore the world since 1945 with the emergence of the Cold War, Communist China, modern Japan, the problems of the Third-World nations, and the chaotic world of the Middle East.

MODERN WORLD HISTORY HONORS

Credits: 5

Prerequisite: Placement

Grade: 9

This course offers advanced students the opportunity to take on the challenge of in-depth studies working with primary sources and producing analytical essays and research papers. Students engage in critical thinking and historical evaluations as they study the impact of the 19th century colonialism in Africa and Asia, those problems, which led to the Great War of 1914 and its effect on the world. It traces the development and impact of fascism on the world leading up to World War II and the Holocaust. Finally, the students explore the world since 1945 with the emergence of the Cold War, Communist China, modern Japan, the problems of the Third-World nations, and the chaotic world of the Middle East.

U.S. HISTORY 1 CP

Credits: 5

Prerequisite: Modern World History CP

Grade: 10

This class is an in-depth study of the time period in U.S. History from Pre-Revolutionary America to 1900. Students will study the thirteen colonies, American Revolution, Constitution, The Early National period, including the slave trade and amistad, pre-antebellum period, the Civil War and Reconstruction. Political, economic and social aspects of the Industrialized Era are included as topics for discussion. Additional outside readings and research papers are integral components of the course.

U.S. HISTORY 1 HONORS/PRE-AP

Credits: 5

Prerequisite: 85 in Modern World History Honors OR 91 in Modern World History CP with teacher recommendation

Grade: 10

Presents the first course of a **two-year AP U.S. History** program for tenth grade students. In year one, students study the major themes of American history from the colonial period to the present, including amistad standards. Students are given a foundation in the chronology of American history and in major interpretive questions that derive from the study of selected themes. This course follows College Board Pre-AP standards. **Summer Assignment Required. All students enrolled in U.S. History 1 Honors will take the AP Exam at the end of the second year of the course. All AP students are required to take the Advanced Placement Examination. (see Policy 2429 & Program of Studies page 6).**

U.S. HISTORY 2 CP

Credits: 5

Prerequisite: U.S. History 1 CP

Grade: 116

This course explores the time period in U.S. history from the Progressive Era through the present. Students will study the industrialists, the Progressive era, WWI, 1920's, The Great Depression & the New Deal, WWII and the Holocaust, the Cold War and contemporary history. Accompanying the in-depth coverage are additional readings and reports. All students select and complete a National History Day project.

U.S. HISTORY 2 HONORS

Credits: 5

Prerequisite: U.S. History 1 Honors OR 91 in U.S. History 1 CP with teacher recommendation

Grade: 11

This course continues with a challenging study of U.S. history during the periods of the Progressive Era through current times. Students will study the industrialists, the Progressive era, WWI, 1920's, The Great Depression & the New Deal, WWII and the Holocaust, the Cold War and contemporary history. Heavy emphasis is on writing assignments using critical thinking in research projects. All students select and complete a community service project between September and May.

AP U.S. HISTORY

Credits: 5

Prerequisite: 85 in U.S. History 1 Honors/Pre-AP.

**May take as an elective senior year after completing US I & US II with administrative approval.*

Grade: 11

Presents the second course in a **two-year AP U.S. History** program for eleventh grade students. Students continue their studies of study major themes of American history from the colonial period to the present. The program is designed to provide students with analytical skills and factual knowledge necessary to deal critically with the problems and issues in American history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by a full-year introductory college course. This course follows College Board AP standards. **Summer Assignment Required. All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

SOCIAL STUDIES ELECTIVES

AP HUMAN GEOGRAPHY

Credits: 5

Prerequisite: U.S. History 1 Honors or U.S. History 2 Honors

Grades: 11, 12

The AP Human Geography course is equivalent to an introductory college-level course in human geography. The course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socio economic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP MACROECONOMICS

Credits: 5

Prerequisite: Algebra 2 Honors OR Algebra 2 CP

Grades: 11, 12

This course fulfills financial, economic, business & entrepreneurial literacy NJ State graduation requirement.

AP students obtain a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price-level determination, and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP PSYCHOLOGY

Credits: 5

Prerequisite: 1. Biology Honors, Chemistry Honors, or Physics Honors

AND

2. Any Honors History or Honors English course.

Grades: 11, 12

This course presents a comprehensive, first year psychology curriculum for college bound students who express an interest in the study of the mind. This course focuses on the history and scope of psychology, research methods, genetics and evolutionary foundations of behavior. Internal processes of human behavior are explored from the basic process of learning, the senses, intellect, and reasoning. Interactive behaviors in social development, perception and social influences along with mental disorders and treatment are probed. Students apply psychological principles to their lives while developing critical thinking skills as they build their reading, writing, and discussion abilities. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

AP UNITED STATES GOVERNMENT AND POLITICS

Credits: 5

Prerequisite: U.S. History 2 Honors OR AP US History

Grades: 11, 12

This course includes both the study of general concepts used to interpret US government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. government and politics. Students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

CURRENT ISSUES

Credits: 2.5

Grades: 11, 12

This is a discussion based current events course that allows students to develop opinions on a variety of different topics and issues. Sample topics include: the modern American political system, American foreign affairs and policy evaluation, domestic, race and gender issues.

PSYCHOLOGY

Credits: 2.5

Grades: 10, 11, 12

This course is based on scientific concepts and principles and focuses on basic behavioral theories. It covers various fields of psychology including learning, personality, heredity and overall behavior of both humans and animals in an attempt to gain a better understanding of human behavior, their own and that of others.

ROGUES AND REFORMERS

Credits: 2.5

Grades: 11, 12

The clash of good against evil takes center stage in this course. Students learn about unsavory characters and those who are remembered more favorably. Decipher myth from reality as you study the lives of infamous criminals and celebrated heroes to understand how they impacted national and world events.

SOCIOLOGY

Credits: 2.5

Grades: 10, 11, 12

This course examines the social relationships that comprise the human environment. Students study the various aspects of culture and how different societies attempt to meet their needs. Topics examined include: socialization, adolescence, social stratification, relationships with minorities, the roles of men and women, the structure and role of the family in society.

SPORTS AND SOCIETY

Credits: 2.5

Grades: 9, 10, 11, 12

Students debate and discuss the impact of professional sports on American society in this course. Evaluate the “big business” of professional sports contrasted with the “joy of the game” and what it means to be an athlete in today’s society.

Technology Education & Computer Science

The Wall Township High School Technology Education and Computer Science programs provide learners an understanding of the nature and impact of technology, engineering, technological design, and the designed world as they relate to the individual, society, and the environment. Course work centers on students utilizing the design model to develop solutions to solve real world problems, enhance life, and extend human capability as they meet the challenges of a dynamic global society.

ENGINEERING DESIGN 1

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This course exposes students to the various fields of engineering and what it means to be an engineer. Math and science principles and concepts will be applied in a practical format. Areas of study include but are not limited to structures and mechanisms, control systems and product design. Students will utilize mechanical drawing techniques, as well as Computer Aided Design (CAD) software such as AutoCAD and Autodesk Inventor. Students will work collaboratively on real world engineering design problems requiring the application of valuable skills such as: hands-on problem solving, creative thinking, working within a team, creating engineering reports and presentations.

ENGINEERING DESIGN 2

Credits: 5

Prerequisite: Engineering Design 1

Grades: 10, 11, 12

Students in this course build upon the skills introduced in the Drawing and Design 1 course to solve higher level engineering design problems. Students utilize important science and mathematics concepts, common to most engineering disciplines, to develop more complex CAD drawings. Analyzing real life case studies allow students to enhance their basic skills for solving open-ended problems using the design process consisting of: documentation, material manipulation, internet research and mechanical drawing. Students in this class compete in problem solving and engineering design competitions.

ARCHITECTURE 1

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This course introduces students to drafting techniques used by architects, civil engineers and builders. Students produce board drawings, computer aided drawings using CAD software, and three-dimensional models of their designs. Emphasis is placed on residential structures focusing on efficient use of space and room planning. Students reinforce learned skills and concepts through design challenges.

ARCHITECTURE 2

Credits: 5

Prerequisite: Architecture 1

Grades: 10, 11, 12

This course builds on the basic construction methods and design principles of Architecture I. Students utilize their hand drawing skills, learn computer aided drawing software, create physical models and 3D Computer Models of their designs. Emphasis is placed on the design of residential structures and landscape designs. Students reinforce learned skills and concepts through design challenges and build an architectural design portfolio to be used for college applications.

ARCHITECTURE STUDIO

Credits: 5

Grade: 11,12

Prerequisite: Engineering Design 2 or Architecture 2

Students will be challenged to solve real world problems using their architectural and engineering design skills. Students will create two Architectural Design presentations and have an opportunity to take trips that further deepen their knowledge and understanding of Architectural Design. Students will be able to specialize in a particular career path that interests them such as Urban Planning, Architectural Design, Landscape Design, Interior Design, and Construction Management. This will help students to take ownership of a design piece as well as help blend and differentiate the learning experience.

ROBOTICS

Credits: 5

Prerequisite: Engineering Design 2

Grades: 11, 12

This course will use robotics to explore the fundamentals of engineering and electronics. It is designed to explore the current and future use of automation technology in industry and everyday life. The students will receive a comprehensive overview of robotic systems and the subsystems that comprise them, as well as the electronic systems used to control them. Students will learn by doing through the overall design and creation of several robotic systems while working individually and also in small and large teams.

CAPSTONE IN ENGINEERING

Credits: 5

Prerequisite: Engineering Design 2

Grade: 12

The purpose of the Capstone in Technology, Design & Engineering is to provide an in-depth design experience taking an idea from conception through the development and construction of a solution to a problem in the form of a product, model or prototype. In this course, students will spend the better part of the year engaged in the Engineering Design process to develop a solution to a unique problem with a Design, Technological and/or Engineering focus. Projects may take the form of a physical or web-based product or system (can be a new invention or an innovation/personalization of an existing technology) which they will develop, document and present during the spring. The course will focus on applying and documenting the engineering design process through the use of engineering logs, portfolios, digital journals, technical reports, and presentations. Because of the scope and independent nature of the course, students who wish to take it must have a design brief and project focus approved by the instructor prior to the end of their junior year.

INTRO TO CYBERSECURITY

Credits: 2.5

Grade: 10, 11, 12

The focus of instruction will include the implementation and monitoring of security on network and computer systems. Students will investigate strategies to identify and protect against security threats such as hackers, eavesdropping, and network attacks. The basics of cryptography and logic reasoning will be explored. Hands-on labs in a cyber range provide practice in the configuration and mitigation of system vulnerabilities. Each unit integrates current events and related cyber ethics and law. An ethics agreement must be signed by all students and parents during the first 2 weeks of class.

DIGITAL ANIMATION AND GAME DESIGN

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

Digital Animation and Game Design (DAGD) is the creation of moving visuals using computer programs and is one of the hottest careers in the 21st century. In this class, students will create dazzling 3D art and interactive software that will help them prepare for the media industry. The Adobe suite of software and Unity Game Engine will be used.

DIGITAL MEDIA DESIGN

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

Digital Media Design teaches students how to creatively build their skills through industry-specific applications such as Adobe Photoshop, InDesign, Illustrator, and the use of digital photography. This course will help students develop an eye for design, and translate that knowledge into creating powerful images through color theory and elements and principles of design. These skills will be put to use in a variety of class projects, where students learn to apply the different theories to real design work.

INTRODUCTION TO COMPUTER SCIENCE IN JAVASCRIPT

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This introduction to computer science curriculum teaches the foundations of computer science and basic programming, with an emphasis on helping students develop logical thinking and problem-solving skills. The Intro to Computer Science in JavaScript course is designed for complete beginners with no previous background in computer science. Topics covered include graphics, animation and games, data structures, and more.

AP COMPUTER SCIENCE PRINCIPLES

Credits: 5

Prerequisite: Completion of Algebra 1

Grades: 10, 11, 12

AP Computer Science Principles is an introductory college-level computing course. Students cultivate their understanding of computer science through working with data, collaborating to solve problems, and developing computer programs as they explore concepts like creativity, abstraction, data and information, algorithms, programming, the internet, and the global impact of computing. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

LIGHTS..CAMERA..ACTION! INTRO TO FILMMAKING

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

Gain hands-on experience and expertise in operating various film production tools, including cameras, lightlin, sound equipment, and editing software such as Final Cut Pro. Learn to convey a compelling narrative, evoke emotions, and communicate ideas through cinematic techniques, including shot composition, framing, camera movement, and visual storytelling. Develop the ability to analyze and critique films, evaluating their technical and artistic aspects, and understanding the historical and social context of the film industry. Apply the skills and knowledge acquired throughout the course to produce an original short film that showcases technical proficiency, creativity, and effective storytelling.

INTRO TO TELEVISION PRODUCTION

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This is an entry-level course in the history, theory and techniques of TV Production. Technical and communication skills are emphasized for successful broadcast performance related to the television industry. Television production is a hands-on course providing students the opportunity to work both in groups and individually.

INTERMEDIATE TELEVISION PRODUCTION

Credits: 5

Prerequisite: Intro to TV

Grades: 10, 11, 12

This is an intermediate level course in the theory and techniques of TV production. This course reinforces the technical knowledge learned in Intro to TV, and furthers the understanding of studio productions. Technical and communication skills are emphasized for successful broadcast performance related to the television industry, specifically in a studio setting.

ADVANCED TELEVISION PRODUCTION

Credits: 5

Prerequisite: Intermediate TV

Grade: 11, 12

This course fulfills the graduation requirement for career education/practical arts. This advanced course continues refining the skills developed in Intro and Intermediate TV. Students in Advanced TV produce a daily morning news show and the content for the show. Students experience both location and studio production opportunities while utilizing a variety of research and interview techniques. Students work collaboratively towards the completion of special request programming for the school, their peers and the community.

YEARBOOK PRODUCTION

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the graduation requirement for career education/practical arts.

This course introduces students to page makeup and layout, graphic arts, photojournalism and the function of computer technology in the production of a yearbook. Students work collaboratively towards the completion of the school yearbook and will serve as a junior editor, working with a senior editor on assigned tasks. Students are required to devote time outside of the school day to photograph events.

Visual and Performing Arts

Art

The Art Department fosters creativity and self expression while building skills through a comprehensive, sequential program. Students have an opportunity to take a variety of classes as a first time elective or enter a full program to prepare for a career in an art related field. Upper level courses provide students guidance in the development of a professional portfolio necessary to gain acceptance to top art schools, as well as qualify for art scholarships. Students utilize a full range of materials including ceramics, printmaking, pastels, mosaics, watercolor, acrylic and oil paints. Art history is infused throughout all classes and is available as an Advanced Placement Course.

ART EXPERIENCE

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This introductory course offers an exploration of the basic skills and elements of art. Students will experience a variety of mediums and forms of art including Painting, Crafts, Drawing, Book and Printmaking.

3-D DESIGN

Credits: 5

Prerequisite: Art Experience

Grades: 10, 11, 12

This course is designed to continue to expand on student knowledge gained through Art Experience. Students will have the opportunity to create works of art with paper mache, polymer clay, plaster, mosaic glass, wire, sculptural canvas, and up-cycled materials, to name a few. Students are encouraged to express themselves in their own style while exploring the various mediums.

DRAWING AND PAINTING

Credits: 5

Prerequisite: Art Experience

Grades: 10, 11, 12

This course will offer students exploration and practice in the application of artistic processes and skills. Students will be introduced to various materials and receive demonstration in each to build technique. Materials such as pencil, charcoal, colored pencil, oil pastel, chalk pastel, pen & ink, scratchboard, watercolor, acrylic on canvas, and oil on masonite will be utilized. Students will work with line, contour, shading, texture, perspective, composition, drawing from life, and drawing from references. Students will create ten original artworks in ten different materials and compile a portfolio of their artwork

DRAWING AND PAINTING 2

Credits: 5

Prerequisite: Drawing and Painting

Grades: 11, 12

Once students have taken Drawing & Painting 1, they have been exposed to 10 different 2-dimensional art materials and the various techniques to use each material. In this course, students build upon their knowledge of each of the learned materials with individual creative investigation to create a portfolio. Students will be encouraged to exercise creative freedom in multiple 2-dimensional mediums learned in Drawing & Painting 1, in a unique style and subject that they choose (Surrealism, Realism, Expressionism, Impressionism, etc.). The projects in this course of study will be more advanced and in-depth than those in Drawing & Painting 1. Students can choose from materials including charcoal, white charcoal, scratchboard, pen and ink, oil pastels, chalk pastels, markers, printmaking, colored pencils, watercolor, acrylic paint, mixed media, and oil paint. Students taking AP 2-D Art and Design or AP Drawing concurrently can align the projects in this class to apply directly to the AP Art Portfolios for submission to the AP College Board. *This course cannot be taken during the same year of study as Drawing & Painting 1. This course needs to be taken BEFORE or CONCURRENTLY with AP 2-D Art and Design or AP Drawing.*

CERAMICS 1

Credits: 5

Prerequisite: Art Experience

Grades: 10, 11, 12

In this course, students design and construct various hand-built projects using the coil, drape mold, slab, and pinch techniques. They will explore various glazing applications, decorating, and firing of their wares. Students will develop an understanding of ceramics in historical and cultural contexts through projects and materials. They will use techniques by early and contemporary potters. Clay work, project evaluation and peer critiques teach students how to apply the principles of basic design in visual, verbal and written forms.

CERAMICS 2

Credits: 5

Prerequisite: Ceramics 1

Grades: 11, 12

This course is designed for students to expand their knowledge of the various hand building and wheel throwing techniques. Through material exploration, students experiment with advanced types of decorating and firing techniques. They study global ceramic artists and learn first-hand how to maintain a ceramics studio. This includes loading and firing kilns, recycling clay and making glazes. Project evaluations and peer critiques are performed regularly.

SCULPTURE

Credits: 5

Prerequisite: Art Experience

Grades: 11, 12

This course is designed to continue to expand on student knowledge gained through Art Experience. Students will create various 3-dimensional artworks while learning to think like sculptors, who work to build art in a space rather than on flat surfaces. Students will explore the use of foam, plaster, wire, and cardboard to create unique projects that are in the round. Resulting projects will be carved, additive, subtractive and assembled. Students are encouraged to take their skills and express their individuality.

DIGITAL ILLUSTRATION

Credits: 5

Prerequisites: Art Experience

Grades: 10, 11, 12

This course will develop student understanding of the creative production process involved in the development of advertising, packaging, logo design, commercial art and marketing. Students will use iPad Pros and Apple Pencils to create various projects, including music album art design, book cover design, cell phone skin design, movie poster design, children's book character development and illustration, logo name design, graffiti style product placement design, Wall High School agenda cover design, and political or social cartoon illustration. Students will gain an education in producing and understanding creative and persuasive visual content. Additionally, they will develop traditional hand techniques as well as computer skills, including the use of Procreate and Phonto software for the iPad Pro to form the necessary technical skills needed in the production process. This course has practical applications as it explores real world uses of artistic and creative design.

JEWELRY DESIGN 1

Credits: 5

Prerequisites: Art Experience

Grades: 10, 11, 12

Jewelry Design will provide students with technical skills that are necessary to design and create artistic personal adornment. Emphasis will be on: the social and historical context in which jewelry has been made; its significance in today's society; the original, creative and appropriate use of tools and materials; craftsmanship and developing design skills used in the creative process. Students will explore a variety of media which may include wire, beads, glass, metals, plastic, fiber, clay as well as nontraditional material

FIBER ARTS

Credits: 5

Prerequisites: Art Experience

Grades: 10,11,12

In this hands-on course, students will gain an understanding of the historical relevance of fibers and learn various fiber art techniques while creating decorative and functional works of art. Traditional and experimental materials will be used to explore such techniques as weaving, crochet, felting, macrame, batik, shibori, and beadwork. Emphasis will be placed on creative design concepts, craftsmanship, and skillful and imaginative use of materials.

AP 2-D ART

Credits: 5

Prerequisite: Drawing & Painting 2 with teacher recommendation

Grade: 12

Students will create a minimum of 20 artworks for submission in May to the AP College Board. The portfolio consists of a 2-D art "sustained investigation" in which students will submit a minimum of 15 images and writing to document their inquiry-guided investigation through practice, experimentation and revision. Students will be required to complete writing prompts about their 2-D artworks which will provide information about what guided their investigation and how they practiced, experimented, and revised their artworks. Students will also create 5 "selected works" and complete writing prompts describing the materials, processes, and ideas used. This portfolio supports inquiry-based learning; encouraging students to document their sustained investigation of materials, processes, and ideas through practice, experimentation, and revision. The portfolios will be open to diverse approaches to thinking and making, aligning with college, university, and contemporary disciplinary practices. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5)**

AP DRAWING

Credits: 5

Prerequisites: Drawing & Painting 2 with teacher recommendation

Grade: 12

Students will create a minimum of 20 artworks for submission in May to the AP College Board. The portfolio consists of a Drawing "sustained investigation" in which students will submit a minimum of 15 images and writing to document their inquiry-guided investigation through practice, experimentation and revision. Students will be required to complete writing prompts about their Drawings in which will provide information about what guided their investigation and how they practiced, experimented, and revised their artworks. Students will also create 5 "selected works" and complete writing prompts describing the materials, processes, and ideas used. This portfolio supports inquiry-based learning; encouraging students to document their sustained investigation of materials, processes, and ideas through practice, experimentation, and revision. The portfolios will be open to diverse approaches to thinking and making, aligning with college, university, and contemporary disciplinary practices. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

Music

The Wall High School Department of Music offers a comprehensive selection of music based courses to satisfy the diverse interests and abilities of our student population. The wide range of courses encourages students to develop their creative potential through singing, playing musical instruments and studying music theory and various genres of music. The music departmental course offerings represent the diverse opportunities students have to explore and develop their musical knowledge. Co-curricular musical performances include concerts, marching band, cabaret performances and participation in county, regional, and state select music groups.

MUSIC THEORY/PIANO LAB

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This course provides group piano instruction for students at the beginning level. Students learn to read music and develop technical facility at the piano through preparation and performance of music. The course will cover piano technique, such as proper posture and hand positions, finger patterns and exercises, the reading of treble and bass clef, major and minor scale studies, and selected etudes. This full year course will also focus on the fundamentals of music notation and how they apply to keyboarding. Students will study and perform a variety of repertoire from classics, folk, rock, pop and jazz.

CLASSIC ROCK

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This course develops a broader understanding of classic rock music and its cultural impact. Rock Artists from the 50's, 60's, 70's Motown, Beatles, Jazz Rock, Blues, Punk and Rap are studied. Additional topics include the influence of critics, economic concerns, new directions, social issues, and the appreciation of the art form. Students will experience introductory piano fundamentals, to allow for hands-on learning and understanding of blues and basic rock chord progressions

DIGITAL AUDIO

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

In this course, students will explore, experiment with, and create music using digital tools. Students will learn about music fundamentals as well as: how popular music is produced and consumed in today's world, music from various cultures and countries, and the role music plays in our everyday lives. Projects will include virtual DJ mixing, podcasting, online content creation, and other collaborative projects to showcase student creativity.

BAND

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

The band performs for marching and concert activities throughout the school year. Instrumental music skills are developed through class instruction. A variety of music is performed. **Participation in dress rehearsals and concerts is required along with marching band activities.**

WIND ENSEMBLE

Credits: 5

Prerequisite: Placement by audition

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This ensemble allows students to experience challenging band repertoire. Students are required to demonstrate musical growth by the submission of student-produced recordings of the All Shore audition requirements. Students perform a “simulated” audition of the All Shore band solo and technique requirements. The wind ensemble performs several concerts each school year. **Participation in dress rehearsals and concerts is required along with marching band activities.**

HONORS WIND ENSEMBLE

Credits: 5

Prerequisite: Placement by audition AND completion of one year of Wind Ensemble

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

The wind ensemble performs several concerts each school year. Students must complete all proficiencies for performance which demonstrate competency in advanced musical skills and literature. Students are required to demonstrate musical growth by the submission of student-produced recordings and students must audition for Region II and All Shore Band. **Participation in dress rehearsals and concerts is required along with marching band activities.**

BEGINNING GUITAR

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This course is designed for students with minimal guitar experience. Skills in musical expression, musical literacy and creativity through guitar performance are developed. The student will gain a lifelong interest and participation in music by learning to read music, develop technical proficiency on the guitar and nurture the creative process.

GUITAR ENSEMBLE

Credits: 5

Prerequisite: Placement by audition and completion of one year of Beginning Guitar

Grades: 10, 11, 12

This course fulfills the visual and performing arts requirement.

This course is designed for guitarists who possess a command of basic guitar skills (chords, scales and reading). Intermediate and advanced guitar techniques, history and theory are included in this class, along with an exploration of classical guitar repertoire. The intermediate guitar ensemble performs concerts throughout the school year.

CONCERT CHOIR

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

Concert Choir is open to all students who are interested in singing with a group of vocalists. The principles of vocal tone production, diction, phrasing, note reading, and musical expression are taught. This is a performance course that presents diverse styles of music at the Holiday and Spring concerts annually. The Choir also performs for school and community activities throughout the school year. **Participation in dress rehearsals and concerts are required.**

CHAMBER CHOIR

Credits: 5

Prerequisite: Placement by audition

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

The Chamber Choir performs diverse styles of music at the Holiday and Spring Concerts. The Choir also performs for school and community activities throughout the school year. Vocal tone production, ear training, stylistic interpretation, part independence and music reading skills are developed. Students are required to demonstrate musical growth by completing a simulated All Shore Chorus Audition. **Participation in dress rehearsals and concerts are required.**

HONORS CHAMBER CHOIR

Credits: 5

Prerequisite: Placement by audition and completion of one year of Chamber Choir

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

The Chamber Choir performs diverse styles of music at the Holiday and Spring Concerts. The Choir also performs for school and community activities throughout the school year. Vocal tone production, ear training, stylistic interpretation, part independence and music reading skills are developed. Students are required to demonstrate musical growth by completing a simulated All Shore Chorus Audition. **Participation in dress rehearsals and concerts are required.**

VOCAL PERFORMANCE 1

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

Students in this course develop vocal performance presentation skills. Emphasis on character development, phrasing, breath control, belts; mixed belts and interpretation are studied. Pop and Broadway songs are studied and performed. Students will learn how to sing in harmony and in an ensemble. Students have the opportunity to make a recording of selected performances. **Participation in dress rehearsals, cabaret performances, and vocal music concerts are required.**

VOCAL PERFORMANCE 2

Credits: 5

Prerequisite: Vocal Performance 1

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This is an advanced singing class designed to develop the performance skills of the individual student. Students use acting techniques and character development in both solo vocal performance and supportive scene study. Improvisation as used in sub-text will contribute to the creative process. Students will learn how to sing in harmony and in an ensemble. Students have the opportunity to make a recording of selected performances. **Participation in dress rehearsals, cabaret performances, and vocal music concerts are required.**

ORCHESTRA

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

The orchestra is comprised of students who perform violin, viola, cello, or bass. This ensemble performs orchestral literature. **Participation in dress rehearsals and concerts are required.**

HONORS ORCHESTRA

Credits: 5

Prerequisite: Orchestra

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

The orchestra is comprised of students who perform violin, viola, cello, or bass. This ensemble performs orchestral literature. Students are required to learn the Central Jersey Region II Orchestra Solo and technique requirements. In addition, the student must audition for the Central Jersey Region II Orchestra. **Participation in dress rehearsals and concerts are required.**

MUSICAL THEATRE 1

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This course introduces the student to the American Musical theatre repertoire with a concentration on acting fundamentals, vocal technique, monologues and scene study, audition techniques, stage production, ensemble and solo singing, movement for musical theater, and the history of musical theater. The students have the opportunity to experience musical and theatrical performance and develop an appreciation for musical theater. Scripts and vocal material are provided.

MUSICAL THEATRE 2

Credits: 5

Prerequisite: Musical Theatre 1

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

Theatre Arts 2 builds on the foundational skills introduced in Musical Theatre I in the areas of theatre history, characterization, playwriting and analysis, auditioning, directing, roles and responsibilities of the production team, and improvisation. The course will provide opportunities for students to more deeply explore the creation of a character by learning about the history of acting, including various acting methods, and performing contrasting monologues and classical scenes. Students will also participate in voice and diction training, learn about and apply audition techniques for both stage and camera, and strengthen their improvisation skill set through more advanced improv games and activities. Successful completion of this course is measured through active class participation and ongoing formal and informal assessment including: research, application of skills, and presentation.

AP MUSIC THEORY

Credits: 5

Prerequisite: Music Theory or Placement Test (80% or higher)

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

AP Music Theory is designed for those students who are pursuing advanced study in music. This course prepares students for the Advanced Placement Music Exam and College Entrance Music Placement Exams in music. A study of music history will also be explored. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

ADVANCED MUSIC THEORY & HARMONY

Credits: 5

Prerequisite: Completion of AP Music Theory

Grade: 12

This course fulfills the visual and performing arts graduation requirement.

Students in this class will complete a project-based course of study whereby they research, compose, and perform highly individualized music. This course provides our students with tools needed to meet the demands and expectations of the collegiate music major, or as a young career-professional musician. Topics include, but are not limited to, orchestration, arranging, and technology for the musician. Students may also conduct in depth historical research to gain skills in presenting historically informed musical performances, and also create “program-notes” to teach and inform audience members at classical music concerts. At the conclusion of the course, students will choose to either compose and perform their own original work; or to present a short research/lecture recital of historical music.

World Language

The goal of the World Language program is to provide every student with the ability to learn to communicate and use a second language in a meaningful way with an increasing degree of proficiency, and to develop an appreciation of another culture. The premise is that all students can develop functional proficiency in listening and speaking, while advanced levels will develop reading and writing proficiency. Emphasis will be on what students can do with the language in real life situations.

The distinction between the levels of language learning (CP or Honors) is apparent in one or more of the following areas: class pace, supplementary materials, and depth and scope of the structure of the language introduced at a particular level. The curriculum in each language offers acceleration to accommodate the student who has a penchant for foreign language acquisition or who intends to pursue study beyond two or three years.

WORLD LANGUAGES AND CULTURES

Credits: 5

Prerequisite: Placement

Grades: 9, 10, 11, 12

The study of world languages benefits all students by fostering academic success, cognitive flexibility, increased access to information from other content areas, employment opportunities, and the ability to function more effectively with understanding and respect in all environments encountered in their lives. The purpose of World Languages is to provide students with the essential language skills and cultural understandings in Languages other than English, many of the practices can be applied to daily life. These practices establish a strong link between communication and culture, which is applied when making connections and comparisons and in using language to function as part of school and local communities.

FRENCH 1 CP

Credits: 5

Grades: 9, 10, 11, 12

This course is designed to introduce the basic vocabulary and speech patterns necessary to understand, speak, read, and write beginning French. The student “discovers” the French language and culture through role-playing and viewing video of French teenagers in real life situations.

FRENCH 2 CP

Credits: 5

Prerequisite: French 1 CP

Grades: 9, 10, 11, 12

This course is a continuation of the introduction to the fundamentals of speaking, reading and writing the French language. The emphasis is on communication, oral and written, in real-life situations. Students also increase their cultural awareness of the peoples in French speaking countries through a variety of authentic readings and other authentic resources.

FRENCH 2 HONORS

Credits: 5

Prerequisite: Placement (9th grade) OR 91 in French 1 CP with teacher recommendation

Grades: 9, 10, 11, 12

This course is an extension of French 1 in that the student advances his language skills through a coordinated Level 2 audiovisual program. The pace is faster, and the depth and scope of material is greater at the honors level. More oral and written work is required while a greater degree of independence in completing assignments is expected. The student continues to increase his familiarity of Francophone people and their customs.

FRENCH 3 CP

Credits: 5

Prerequisite: French 2 CP

Grades: 10, 11, 12

In this advanced level of language study, students continue to review and advance listening, speaking, reading, and writing skills acquired in French 1 and 2. Students read short works of literature and realia in the target language. In addition, students present oral and written summaries, view and respond to videos, and listen to conversations, music, etc. They engage in role-playing and verbal exchanges which promote the practical application of the language.

FRENCH 3 HONORS

Credits: 5

Prerequisite: 85 in French 2 Honors OR 91 in French 2 CP with teacher recommendation

Grades: 10, 11, 12

In this advanced level of language study, students continue to review and advance listening, speaking, reading, and writing skills acquired in French 1 and 2. Students read short works of literature and realia in the target language. In addition, students present oral and written summaries, view and respond to videos, and listen to conversations, music, etc. They engage in role-playing and verbal exchanges which promote the practical application of the language. The pace is faster, and the depth and scope of material is greater at the honors level. More oral and written work is required while a greater degree of independence in completing assignments is expected.

FRENCH 4 HONORS

Credits: 5

Prerequisite: 85 in French 3 Honors OR 91 in French 3 CP with teacher recommendation

Grades: 11, 12

This course is an extension of French 3 Honors in that the student continues his/her study of the four language skills: listening, speaking, reading and writing. The student is now able to handle more difficult oral and written materials on varied topics including those produced by and for native speakers. Students read longer works of fiction and nonfiction in the target language and reflect and respond in multi-paragraph essays. Students are expected to use the language exclusively during class time. Emphasis is placed on achieving self-expression in French and gaining an appreciation for outstanding achievements of the French culture through classroom discussion and individual projects.

AP FRENCH LANGUAGE & CULTURE

Credits: 5

Prerequisite: 85 in French 4 Honors

Grade: 12

The AP French Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP French Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

LATIN 1 CP

Credits: 5

Grades: 9, 10, 11, 12

Latin 1 is an introductory program designed to help the student attain an acceptable level of proficiency in four basic skills - reading, writing, listening and speaking - developed through materials in visually focused contexts to which students can easily relate. Students enter the world of the Romans, and through the medium of the Latin language, learn to identify the Roman world as if it were still the living culture it once was. Because more than half of all English words are derived from Latin, exercises in derivations are designed to improve the student's command of both English and Latin.

LATIN 2 CP

Credits: 5

Prerequisite: Latin 1 CP

Grades: 9, 10, 11, 12

Latin 2 CP commences at the point at which the introductory program ends and it continues to present the basic forms of vocabulary and syntax which facilitate the reading of authentic Latin literature. A strong emphasis is placed upon vocabulary, word derivation, and translation of Latin to English primarily through the textbook's passages about the public and private life of the Romans.

LATIN 2 HONORS

Credits: 5

Prerequisite: Placement (9th grade) OR 91 in Latin 1 CP with teacher recommendation

Grades: 9, 10, 11, 12

Latin 2 Honors offers a systematic review of the basic forms, syntax, and vocabulary of Latin 1 CP and introduces advanced material suitable for the reading of prominent Latin authors. It commences at the point at which the introductory program ends and continues to present the basic forms of vocabulary and syntax. A strong emphasis is placed upon vocabulary, word derivation, and translation of Latin to English primarily through the textbook's passages about the public and private life of the Romans. The pace is faster, and the depth and scope of material is greater at this level. More oral and written work will be required and a greater degree of independence in completing assignments is expected. Thus, a student should evaluate one's preparedness in light of his/her achievement on the annual National Latin Examination.

LATIN 3 CP

Credits: 5

Prerequisite: Latin 2 CP

Grades: 10, 11, 12

Latin 3 CP is designed to reinforce previously acquired vocabulary and grammatical structures. New vocabulary and structure are integrated in sequential readings that become more challenging and authentic. Latin 3 students will continue the translation of Latin to English chiefly through a variety of works by selected Roman authors. In addition, an extensive exposure to vocabulary that derives from Latin is included.

LATIN 3 HONORS

Credits: 5

Prerequisite: 85 in Latin 2 Honors OR 91 in Latin 2 CP with teacher recommendation

Grades: 10, 11, 12

Latin 3 Honors is designed to reinforce previously acquired vocabulary and grammatical structures. New vocabulary and structure are integrated in sequential readings that become more challenging and authentic. Latin 3 Honors emphasizes the translation of Latin to English chiefly through a variety of works by selected Roman authors, especially Ovid's Metamorphoses. In addition, an extensive exposure to vocabulary that derives from Latin is included. The pace is faster and the depth and scope of material is greater. More oral and written work will be required and a greater degree of independence in completing assignments is expected. Thus, a student should evaluate one's preparedness in light of his/her achievement on the annual National Latin Examination.

LATIN 4 HONORS

Credits: 5

Prerequisite: 85 in Latin 3 Honors OR 91 in Latin 3 CP with teacher recommendation

Grades: 11, 12

The fourth course in Latin provides a sound interesting, and stimulating reading experience of genuine Latin literature which will use and enlarge the fundamentals already acquired by the student and which will prepare the student to go with confidence to the reading of such classical greats as Vergil's Aeneid. Increased emphasis will be placed upon the life, history, and institutions of the Roman people whose influence on our civilization and the western world has continued over two thousand years.

AP LATIN VERGIL

Credits: 5

Prerequisite: 85 in Latin 4 Honors

Grades: 12

This course aims to guide the advanced Latin student to an in-depth understanding of Vergil's *Aeneid*. The Advanced Placement Vergil syllabus will be followed with a three-fold focus: content (what Vergil writes); style (how Vergil says it) and interpretation (what Vergil means). Along with those who have completed successfully four years of Latin, the prospective senior, who has advanced through a Latin 3 course, with an excellent background in Latin grammar and syntax and whose translation skills are very well developed, may wish to consider this course to complete one's high school classical experience. **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

SPANISH 1 CP

Credits: 5

Grades: 9, 10, 11, 12

This course is an introduction to the fundamentals of speaking, reading and writing the Spanish language. Although grammar and vocabulary are taught, the emphasis is on oral communication. Students converse about daily life in the United States while learning about the diverse cultures of the Hispanic world. Sample themes include personal health, the family, service occupations, restaurant situations, business and travel related experiences as well as basic vocabulary and skills necessary to express needs, descriptions and appropriate social and cultural practices.

SPANISH 2 CP

Credits: 5

Prerequisite: Spanish 1 CP

Grades: 9, 10, 11, 12

This course is a continuation of the introduction to the fundamentals of speaking, reading and writing the Spanish language. The emphasis is on communication, oral and written, in real-life situations. Students also increase their cultural awareness of the peoples in Spanish speaking countries through a variety of authentic readings. The length and depth of written and oral work is greater.

SPANISH 2 HONORS

Credits: 5

Prerequisite: Placement (9th Grade) OR 91 in Spanish 1 CP with teacher recommendation

Grades: 9, 10, 11, 12

This course is a continuation of the introduction to the fundamentals of speaking, reading and writing the Spanish language. The emphasis is on communication, oral and written, in real-life situations. Students also increase their cultural awareness of the peoples in Spanish speaking countries using a variety of resources. In Spanish 2 Honors, students' expected proficiency with the structure of the language is higher. Students read and analyze more short literature and realia in the target language. The length and depth of written and oral work is greater. At the honors level, the pace is faster and the depth and scope of material is greater. More oral and written work is required while a greater degree of independence in completing assignments is expected.

SPANISH 3 CP

Credits: 5

Prerequisite: Spanish 2 CP

Grades: 10, 11, 12

In this advanced level of language study, students continue to review and advance listening, speaking, reading, and writing skills acquired in Spanish 1 and 2. Students are expected to be able to communicate orally and in writing with a higher degree of proficiency in the structure of the language. Students study the history of Spain and the Spanish-speaking world as well as read literature of Spanish authors and realia in the target language.

SPANISH 3 HONORS

Credits: 5

Prerequisite: 85 in Spanish 2 Honors OR 91 in Spanish 2 CP with teacher recommendation

Grades: 10, 11, 12

In this advanced level of language study, students continue to review and advance listening, speaking, reading, and writing skills acquired in Spanish 1 and 2. Students are expected to be able to communicate orally and in writing with a higher degree of proficiency in the structure of the language. Students study the history of Spain and the Spanish-speaking world as well as read literature of Spanish authors and realia in the target language. At the honors level, the pace is faster and the depth and scope of material is greater. More oral and written work is required while a greater degree of independence in completing assignments is expected.

SPANISH 4 CP

Credits: 5

Prerequisite: Spanish 3 CP

Grades: 11, 12

This course is a continuation to the fundamentals of speaking, reading and writing the Spanish language. The emphasis is on communication, both oral and written, in real-life situations. The students act out scenes and investigate the lifestyles of the Spanish-speaking people. Oral presentations and extemporaneous speaking situations are emphasized. Students read and discuss short works of literature and authentic texts as they continue to develop their writing skills.

SPANISH 4 HONORS

Credits: 5

Prerequisite: 85 in Spanish 3 Honors OR 91 in Spanish 3 CP with teacher recommendation

Grades: 11, 12

This course is a continuation to the fundamentals of speaking, reading and writing the Spanish language. The emphasis is on communication, both oral and written, in real-life situations. The students act out scenes and investigate the lifestyles of the Spanish-speaking people. Oral presentations and extemporaneous speaking situations are emphasized. Students reinforce language skills and develop specific reading, writing and speaking skills necessary for success in advanced placement Spanish language.

SPANISH 5 CP

Credits: 5

Prerequisite: Spanish 4 CP

Grades: 12

The students will continue to strengthen their speaking, reading, writing and listening skills throughout the year. The course will be based around thematic units such as wellness practices and leisure activities that correspond to the World Language Content Standards. Through each thematic unit, students will be given the opportunity for growth in vocabulary for practical purposes through conversational and writing activities. An emphasis will also be placed on reading throughout each thematic unit. The readings will be taken from authentic sources such as online newspapers and magazine articles. The students learn new level appropriate idiomatic expressions and structures.

AP SPANISH LANGUAGE

Credits: 5

Prerequisite: 85 in Spanish 4 Honors

Grade: 12

The AP Spanish Language and Culture course emphasizes communication by applying interpersonal, interpretive, and presentational skills in real-life situations. This includes vocabulary usage, language control, communication strategies, and cultural awareness. The AP Spanish Language and Culture course engages students in an exploration of culture in both contemporary and historical contexts. The course develops students' awareness and appreciation of cultural products (e.g., tools, books, music, laws, conventions, institutions); practices (patterns of social interactions within a culture); and perspectives (values, attitudes, and assumptions). **All students enrolled in Advanced Placement courses are required to take the Advanced Placement Examinations in May (see Policy 2429 & Program of Studies page 5).**

Monmouth County Vocational District

Monmouth County Vocational School District (MCVSD) is a public school district that provides career and technical training for high school students and other residents of Monmouth County. In today's highly technical society most occupations require sophisticated training. Many of the MCVSD's graduates are hired directly into their chosen occupation while others continue their education in colleges and trade schools prior to seeking employment.

Programs

The programs offered at MCVSD take two years to complete in order to receive the accompanying certifications and/or college credits. Wall High School students have the option of enrolling into MCVSD's shared time programs starting in their junior or senior year. Students who begin their vocational program at the start of junior year can complete it by their high school graduation. Seniors who begin their vocational program can complete the second year of training following their high school graduation tuition free. Students who elect to attend vocational school attend Wall High School for half of the school day and vocational school for half a day. First year vocational students attend vocational school in the morning session, while students in their second year of training attend the afternoon session.

Tech Prep Programs

Tech Prep programs provide a strong integration of academics with vocational skills training. In addition, an articulation agreement has been established between MCVSD and a post secondary institution. That institution is usually a 2 or 4 year college. Upon completion of high school, students smoothly transition into the college program and complete their studies.

Admissions

Applications are available in the Guidance office at Wall High School or in the Monmouth County Vocational School Buildings. Students must complete an application, have the signature of a parent or guardian and return it to their high school guidance counselor.

Students must meet the following criteria:

- Student must be entering their junior or senior year.
- Student must have a genuine interest in the vocational course they are applying for and must have an excellent attendance record (less than 15 days absent per year)
- Student must have a "C" grade point average
- Student & parent must tour the program prior to submitting an application. This can be accomplished through attendance at an open house, orientation, teacher interview, tour with a MCVSD counselor, or other means arranged with the MCVSD principal. **Contact information can be found under the MCVSD course offerings or online at www.mcvsd.org.**

Additional qualifications for Tech Prep programs:

- Student must have successfully passed Algebra 1 with a "C" or better.
- Student must have successfully passed one year of science with a "C" or better.

Monmouth County Vocational School District - Course Offerings
Shared Time at www.mcvsd.org/shared

Aberdeen Campus - 732-566-5599

Commercial Art
Diesel Mechanics

Asbury Park Campus
Culinary Education Center - 732-988-3299
Culinary Arts - Tech Prep

Freehold Campus - 732-462-7570
Cosmetology & Hairstyling
Heating, Ventilation,
Air Conditioning (HVAC) & Plumbing

Hazlet Campus - 732-264-4995
Auto Mechanics
Carpentry
Cosmetology & Hairstyling
Dental Assisting

Keyport Campus - 732-739-0592
Cosmetology & Hairstyling
Dietary Aide/Patient Care/Home Health Aide

Long Branch Campus - 732-229-2446
Academy of Law & Public Safety - Tech Prep

Middletown Campus - 732-671-0650
Electricity
Auto Mechanics
Allied Health - Tech Prep

Neptune Campus - 732-431-7245
Cosmetology & Hairstyling
Patient Care/Medical Assisting

Wall Campus - 732-681-1010
Design Academy