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Wall High School

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Dear Student,

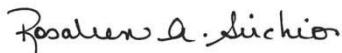
This Program of Studies has been prepared as a reference for you to use during the scheduling process. It is a complete guide to the possible course offerings at Wall High School. All of the courses offered at Wall High School are listed with a complete description, credit value, and prerequisites.

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 guidance counselors will present course selection information to you in February 2017. 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,



Rosaleen A. Sirchio
Principal



Kathryn A. Misa
Director of Guidance

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WALL HIGH SCHOOL AT A GLANCE

Wall High School has been a four-year comprehensive high school since 1959. Our school community is comprised of approximately 1150 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 2017-2018 school year will begin in February 2017. Students and parents should carefully review the Program of Studies. Pay 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 2017-2018 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, 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 withdraw. 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 carry 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

All students currently enrolled in an honors or advanced placement course will be automatically enrolled in the next sequential course. 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 are available to students in the 10th, 11th and 12th grades and 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 4, 2017.**
- **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 (Class of 2020 and beyond)	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
Career/Technical Education (Practical Arts)	5 credits

[**NJ STATE TESTING REQUIREMENTS FOR GRADUATION**](#)

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
1A- P.E. & Health	1A- P.E. & Health
2A- English	2A- English
3A- Modern World History	3A- US History 1
4A- Mathematics	4A- Mathematics
1B- World Language	1B- World Language
2B- Biology	2B- Chemistry
3B- Freshman Seminar/Personal Financial Literacy	3B- Elective
4B- Elective	4B- Elective
Grade 11	
Grade 12	
1A- P.E. & Health	1A- P.E. & Health
2A- English	2A- English
3A- US History 2	3A- Social Studies Elective
4A- Mathematics	4A- Mathematics Elective
1B- World Language Elective	1B- World Language Elective
2B- Physics	2B- Science Elective
3B- Elective	3B- Elective
4B- Elective	4B- Elective

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 first semester senior year.
- * The Valedictorian and Salutatorian will be determined after 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

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 Plan (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, and General Education with support such as; In-Class Resource Programs, Pull Out Resource Programs, and Self-Contained 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 aide. 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 to 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.

Study Skills (9-12)

In addition to major academic subjects, a student may be recommended for a resource center in Study Skills. Study Skills is designed to provide the student with the study skills necessary for success within the mainstream. Mainstreamed class texts and assignments, as well as supplemental materials, will be utilized. Students are awarded 5 credits for each full year course completed.

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.

CASE MANAGERS AND SLE COORDINATOR

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Option II

The New Jersey Department of Education (NJDOE) recognizes and acknowledges that all students will not achieve Common Core/Core Curriculum Content Standards (CCCS) 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 Common Core/Core Curriculum Content 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 Common Core/Core Curriculum Content Standards at the high school level.

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 be comprised of the High School Principal, Director of Guidance, 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 Guidance 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 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 Guidance no later than August 15th. **Course extensions will not be granted.**
- 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

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:

- Earn a cumulative WHS GPA of a 3.0 or better
- Submit a Brookdale Community College application (the \$25 application fee will be waived for students participating in the Dual Enrollment Program)
- Take ACCUPLACER (a basic skills placement test) and pass all sections or have the following SAT scores:
 - 530 Math to be waived from the Arithmetic and Elementary Algebra sections of ACCUPLACER

- 540 Critical Reading to be waived from the Reading Comprehension and Sentence Skills section of ACCUPLACER
- Sign a Brookdale Community College release form (student and parents/guardians will sign)
- 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

Middle College Program

The Middle College Program gives college-bound juniors and seniors the opportunity to experience university-style learning before they even graduate high school. Students enrolled in pre-approved courses have the ability to earn college credit from Fairleigh Dickinson University.

Students are responsible for all tuition costs associated with the Middle College Program. FDU 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

Bermuda Institute of Ocean Sciences

Students have an opportunity to earn 2.5 Practical Art credits if they attend the BIOS Summer Educational Field Experience. Wall High School students participate in a week long summer field experience at BIOS studying tropical marine biology, tropical island ecology, geology, global climate study, and environmental studies. Field trips and lab sessions are tailored to fit the needs and interests of each group, and faculty members lecture on a variety of current ocean science topics. Parents/Guardians are responsible for all expenses associated with Option II Credit.

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 Core Curriculum Content 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 Core Curriculum Content 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 presenting 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 Guidance 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. This is the fourth year that the Wall Business and Finance Academy is available to our students. 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 during the summer between their junior and senior years. In addition to the WBFA, we are very excited to have the DECA program available to our Marketing 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.

Topics covered in this course include human relations, career explorations, and familiarization of components of the business world. Students have the opportunity to study consumerism and an introduction to personal budgeting.

INTERNATIONAL BUSINESS

Credits: 2.5

Grades: 9, 10, 11, 12

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

This course provides the foundation for studying international business, and the many aspects of conducting business in the global economy. Students develop appreciation, knowledge, skills and abilities needed to live and work in a global marketplace. Some of the topics covered are cultural influences on business, government and political influences on business, structures of international business organizations, importing, exporting, trade relations, developing goods and services for global markets, and much more.

PERSONAL FINANCIAL LITERACY

Credits: 2.5

Grades: 9, 10, 11, 12

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

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.

COLLEGE & CAREER PLANNING

Credits: 2.5

Grades: 10, 11, 12

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

The students enrolled in this course are guided through a variety of self-assessment activities designed to determine their interests, values, abilities, aptitudes, and skills. From that perspective, students integrate their findings into short-range post high school plans, as well as long-range life plans. Some of the major areas covered include: decision making, attitudes, educational planning, career planning, career research, job seeking skills and the job placement process. At the end of the course the students have completed a college and career portfolio, which include such items as: a self-assessment, a college plan (report on 3 post-secondary institutions, college application, and essay), a career planning/research project, a resume, a cover letter, responses to commonly asked interview questions and more.

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.

BUSINESS / PERSONAL LAW

Credits: 5

Grades: 10, 11, 12

This course fulfills 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. It provides knowledge of how to protect one's rights in contractual relationships and simultaneously to observe the rights of others. Topics covered are Criminal and Civil Law, Students Rights and Responsibilities and Crimes and Torts.

MARKETING

Credits: 5

Grades: 10, 11, 12

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

Areas of study in this course include: current trends in retail marketing, forms of business ownership, franchising, promotion, selling, human resources and business management. 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: 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.

INTRODUCTION TO INVESTMENTS AND FINANCIAL ANALYSIS

Credits: 5

Grades: 11, 12

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

The fundamentals of investing in stocks, bonds, mutual funds, and other marketable securities. Securities markets, mechanics of trading, analytical techniques, risk management, and diversification will be covered.

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.

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. We achieve this goal through the teaching of effective writing techniques, oral and written communication skills and information literacy skills, the development of appreciation for and understanding of quality literature and informational readings, 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 continues to develop students' critical reading and writing skills developed in the intermediate school. Through the study of literary genres such as the short story, novel, drama, poetry, mythology and nonfiction, students sharpen recognition of various literary elements and devices. Emphasis in this course is placed on in-depth reading and discussion as well as writing skills. Students use MLA format and The BIG6 information literacy model to conduct a problem-based research project. Grammar, vocabulary, and reinforcement of listening, speaking and study skills are also addressed.

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 and related non-fiction. In addition, students complete many writing assignments and extensive outside readings. Students explore the modes of writing on a more sophisticated level; journal writing will address students' creative talents while other assignments will be analytical in nature. Students use MLA and The BIG6 information literacy model to conduct problem-based research projects.

ENGLISH 10 CP

Credits: 5

Prerequisite: English 9 CP

Grade: 10

This course explores the development of American literature through the study of the various literary genres in relation to their historical periods. Emphasis is placed on in-depth, analytical reading and discussion as well as on expository, narrative and persuasive writing. Connected informational readings are introduced as students study their own literary and cultural heritage. Students read and write independently at length. Students continue to augment their vocabulary and practice grammar, language usage, speaking, listening and study skills. Using The BIG6 information literacy model and MLA format, students research and present at least one problem-based project during the year.

ENGLISH 10 HONORS

Credits: 5

Prerequisite: English 9 Honors OR English 9 CP with a final average of 91 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 American literature and connected non-fiction. Quantity and sophistication of selections surpasses that which is called for in the English 10 CP course. Students will study authors such as Benjamin Franklin, Nathaniel Hawthorne, Edgar Allan Poe, Stephen Crane, Ernest Hemingway and Herman Melville. Students will do a significant amount of reading independently; in addition, the writing is extensive and more sophisticated. Several research papers and/or problem-based research projects using The BIG6 information literacy model and MLA format is required.

ENGLISH 11 CP

Credits: 5

Prerequisite: English 10 CP

Grade: 11

This course is designed to enable the student to recognize the universality of British literature as well as informational and technical reading necessary for college and workplace readiness. Emphasis is placed on the analysis, synthesis and evaluation of text. The study of the literature as well as the historical background of literary periods including: Anglo-Saxon, Medieval, English Renaissance, Eighteenth Century, Romantic, and the Twentieth Century. Students will read and write independently. Additional areas of study and practice include vocabulary development, grammar and usage, study skills including time management of long-range assignments, and development of writing skills. Students complete at least one problem-based research project using MLA and The BIG6 information literacy model.

ENGLISH 11 HONORS

Credits: 5

Prerequisite: English 10 Honors OR English 10 CP with a final average of 91 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 predominantly from British literature and connected non-fiction readings. Reading and writing assignments are extensive and sophisticated and include literary analysis, narrative and persuasive writing techniques. Literary study includes works by the following authors: Chaucer, Shakespeare, Wordsworth, Coleridge, Pope, Conrad, Orwell and others. The course emphasizes thematic analysis of the literature as well as the historical and social background of the literary period. Several problem-based research projects using MLA and The BIG6 information literacy model are assigned.

AP ENGLISH LANGUAGE AND COMPOSITION

Credits: 5

Prerequisite: English 10 Honors with a final average of 91 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. Students receive instruction and practice in the four modes of discourse. 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 and The BIG6 information literacy. Students read and analyze fictional and nonfictional works of literature as they develop their critical thinking skills on the highest levels of Bloom's taxonomy: synthesis and evaluation.

ENGLISH 12 HONORS

Credits: 5

Prerequisite: English 11 Honors OR English 11 CP with a final average of 91 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 interdisciplinary considerations of four major questions posed throughout the year. While each of the four questions is universal: What is Man? What is Truth? What is Love? Who am I? - the four specific universal themes may vary from year to year. Each question constitutes a unit of investigation that covers one ten-week term. Multiple problem-based writing projects using MLA and the BIG6 information literacy model are assigned.

AP ENGLISH LITERATURE AND COMPOSITION

Credits: 5

Prerequisite: AP Language & Composition OR English 11 Honors with a final average of 91 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

FRESHMAN SEMINAR

Credits: 2.5

Grade: 9

Pre Engineering Academy students are exempt from Freshman Seminar

This course will introduce our freshmen to the many aspects of a comprehensive high school experience. One major component of this course will be to complete a cited research paper in MLA format. Other forms of writing will include persuasive, literary analysis and narrative essays. Students will explore public speaking, informed decision making, study skills, time management and dealing with peer conflict. Every freshman must take this semester course as a requirement for graduation from Wall High School.

JOURNALISM IN THE INFORMATION AGE 1

Credits: 5

Grades: 9, 10, 11, 12

In Journalism 1, students are introduced to page make-up, layout, headline writing, advanced interviewing, and layout terminology. This is a workshop course whose main function is to produce, approximately every other month, issues of the school newspaper.

JOURNALISM IN THE INFORMATION AGE 2

Credits: 5

Prerequisite: Journalism in the Information Age 1

Grades: 10, 11, 12

This is a workshop course whose main function is to produce the school newspaper. This course reinforces the technical knowledge and basic journalism skills developed in Journalism 1. Students will hold such positions as editor-in-chief, managing editor, etc.

JOURNALISM IN THE INFORMATION AGE 3

Credits: 5

Prerequisite: Journalism in the Information Age 2

Grades: 11, 12

This is a workshop course whose main function is to produce the school newspaper. This course continues to reinforce the technical knowledge and basic journalism skills developed in Print Journalism 2. Students hold such positions as editor-in-chief, managing editor, etc.

JOURNALISM IN THE INFORMATION AGE 4

Credits: 5

Prerequisite: Journalism in the Information Age 3

Grade: 12

This is a workshop course whose main function is to produce the school newspaper. This course continues to reinforce the technical knowledge and basic journalism skills developed in Print Journalism 3. Students hold such positions as editor-in-chief, managing editor, etc.

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.

FILM AS ART: Dream and Nightmare

Credits: 2.5

Grades: 11, 12

This course focuses on films that explore the imaginative aspect of human nature, from the fantastic dream to the fearful nightmare. The course includes such genres as horror, thriller, fantasy, science fiction, and supernatural. We will examine the visual artistic vision such as special effects, unique cinematography, and ground breaking techniques of the artistic forces behind great films. Examples of films: *Psycho*, *An American Werewolf in London*, *Silence of the Lambs*, *Night of the Living Dead*, *Pan's Labyrinth*, *Wizard of Oz*, *Across the Universe*, *District 9*, *Alien*, etc. Examples of directors: *Hitchcock*, *Romero*, *Guillermo del Toro*, *Landis*, and *Spielberg*.

FILM AS ART: Adventure and Danger

Credits: 2.5

Grades: 11, 12

This course focuses on films that explore the adventurous and dangerous aspect of human nature and include such genres as crime, action, adventure, war, and westerns. The history of censorship, technology, and culture will be explored through both comedy and drama. We will examine key moments in film history that had a lasting influence on future films. Examples of films: *The Godfather*, *The Graduate*, *Double Indemnity*, *A Streetcar Named Desire*, *Thank you for Smoking*, *Cool Hand Luke*, *O Brother, Where Art Thou*, and *One Flew Over the Cuckoo's Nest*. Examples of directors: *Wilder*, *Kazan*, *Coppola*, *Scorsese*, *Tarantino*, *Coen Brothers*, *Chaplin*, and *Allen*.

SAT & ACT PREP

Credits: 2.5

Prerequisite: Algebra 1 CP AND Geometry CP or Honors

Grade: 11

This class affords students the opportunity to learn and practice strategies that will give them a better chance of success on the SAT and the ACT. This course will reflect the new SAT format. During this semester course, students will alternate between a class that focuses on the verbal component of the tests and a class that focuses on the mathematical component of the tests.

LOST LITERATURE: CONTROVERSIAL AND BANNED WORKS

Credits: 2.5

Grades: 10, 11, 12

In this course, students explore numerous stories, poems, and novels that have vanished from the average literature curriculum for various reasons. While this entails reading and analyzing literature, the majority of time is 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. Some potential works to be discussed in this course include: Seuss's *The Lorax*, Rowling's *Harry Potter* series, and one of the most controversial novels in American literature – Salinger's *The Catcher in the Rye*. Join this course before it disappears.

WRITER'S WORKSHOP

Credits: 5

Grades: 9, 10, 11, 12

This course is designed to provide students with the opportunity to ask questions, build successful study habits and develop strategies to help ensure academic success. Support is offered in a quiet structured environment with the guidance of an English teacher.

LITERATURE & MUSIC

Credits: 2.5

Grades: 10, 11, 12

In this course students will examine the intersection of music and literature from the modern era (1950's to the present). This half year course will cover artists' groundbreaking work in fiction, autobiographical subjects or political/social commentary. Lessons will be centered on the study of song lyrics, works of fiction with deep musical influences and music journalism. A sample of songwriters include popular acts such as Bob Dylan, Alicia Keys, The Clash, Carole King, Public Enemy, Radiohead and Common, but also more obscure artists, including The MC5, Patti Smith, Mos Def, Tom Waits, Liz Phair, Gil Scott Heron and The Hold Steady. Fictional works that can be covered are *On the Road* by Jack Kerouac, *Almost Famous*, *High Fidelity* and *Songbook* by Nick Hornby. Music journalists from *Rolling Stone*, *Creem*, *The Village Voice* and *Spin* will also be examined, particularly Lester Bangs, David Fricke, Ellen Willis, Nick Kent, Jenny Eliscu, Rob Sheffield and Chuck Klosterman.

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*.

GRAPHIC NOVELS AS LITERATURE

Credits: 2.5

Grades: 9, 10, 11, 12

The evolution of the comic book has led to the rise of the graphic novel, which features far more and sophisticated dialogue and themes than its comic counterparts. This class will introduce students to "panel" storytelling as well examine the first commercially-produced graphic novels. Works of study will include the widely-acclaimed graphic novels "Watchmen" (*Time Magazine's* 100 Best Novels of the 20th Century), Frank Miller's "The Dark Knight Returns," the Holocaust allegory "Maus," the wildly-popular "The Walking Dead" and recent sensation "Saga."

HARRY POTTER AND LITERARY CRITICISM: HOGWARTS YEARS 1-4

Credits: 2.5

Grades: 10, 11, 12

In the elective Harry Potter and Literary Criticism, students will read *Harry Potter and the Sorcerer's Stone*, *Chamber of Secrets*, *Prisoner of Azkaban*, and *Goblet of Fire*, watch the films and analyze Rowling's writing through several critical lenses, including feminist, Marxist, Freudian, and others. The overarching theme of the course will focus on Harry Potter's coming of age and the loss of innocence. Class time will be spent reading the novels as well as secondary sources, watching the films, and applying various theories of literary criticism to the novels during discussions, as well as on written responses. There will also be a strong creative component to the class work, in modes including, but not limited to narrative response, drama, video, drawing or model building.

HARRY POTTER AND LITERARY CRITICISM: HOGWARTS YEARS 5-7

Credits: 2.5

Grades: 10, 11, 12

In the elective Harry Potter and Literary Criticism, students will read *Harry Potter and the Order of the Phoenix*, *Half-Blood Prince*, and *Deathly Hallows*, watch the films and analyze Rowling's writing through several critical lenses, including feminist, Marxist, Freudian, and others. The overarching theme of the course will focus on Harry Potter's increasing acceptance of his role as a hero. Class time will be spent reading the novels as well as secondary sources, watching the films, and applying various theories of literary criticism to the novels during discussions, as well as on written responses. There will also be a strong creative component to the class work, in modes including, but not limited to narrative response, drama, video, drawing or model building.

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 communications skills for successful social interaction and cognitive academic language proficiency to support success in the mainstream academic program.

ELL

Credits: 5

Grades: 9, 10, 11, 12

Each student is evaluated using the ACCESS assessment instrument. A proficiency level is assigned, and the student is placed in the ELL 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.

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 teen 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.

LIFE SKILLS

Credits: 5

Grades: 11, 12

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

Life Skills is a one year program designed to expose the student 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.

FASHION TECHNOLOGY

Credits: 5

Grades: 9, 10, 11, 12

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

Students will explore their interest within the world of fashion. This includes understanding the role clothing plays in our lives, how to make the best decisions regarding the selection and care of clothing. Students will learn sewing techniques, and how to design and construct apparel using a pattern. Fashion promotion and retailing as well as careers in the fashion industry will be examined.

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, iPads, 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 as to meet the needs of all of our students.

CORE MATHEMATICS COURSES

ALGEBRA 1 CP

Credits: 5

Grades: 9, 10, 11, 12

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 CP

Credits: 7.5

Grades: 9, 10, 11, 12

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. **Students enrolled in this course are provided additional time to master fundamental algebra skills.**

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 CONNECTIONS

Credits: 5

Prerequisite: Teacher Recommendation

Grade: 9, 10, 11

Geometry Connections is a full year class that we are offering to selected students, taken in conjunction with a Geometry CP class. Students have an opportunity to take this class to get the support they need to be successful in Geometry CP. Students have a chance to ask questions, clear up misunderstandings, review homework problems and prepare for assessments they have in their regular Geometry CP class.

GEOMETRY HONORS

Credits: 5

Prerequisite: Placement Grade 9 OR Algebra 1 CP with a final average of 91 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. As this course follows Algebra 1 and Plane 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: 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 CONNECTIONS

Credits: 5

Prerequisite: Teacher Recommendation

Grades: 10, 11

Algebra 2 Connections is a full year class offered to selected students, taken in conjunction with an Algebra 2 CP class. Students have an opportunity to take this class to get the support they need to be successful in Algebra 2 CP. Students have a chance to ask questions, clear up misunderstandings, review homework problems and prepare for assessments they will have in their traditional Algebra 2 CP class. This will also be an opportunity for students to strengthen their Algebra 1 skills and review concepts on state assessments.

ALGEBRA 2 HONORS

Credits: 5

Prerequisites: Placement Grade 9, Geometry Honors OR Algebra 1 CP with a final average of 91 AND Geometry CP with a final average of 91 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.

PRE-CALCULUS CP

Credits: 5

Prerequisite: Algebra 2 CP

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. 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 Algebra 2 CP with a final average of 91 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. Graphing calculator use is emphasized. The use of technology is infused to gather, analyze, and communicate mathematical information.

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.

MATH ANALYSIS

Credits: 5

Prerequisite: Pre-Calculus CP or Trigonometry & Analytical Geometry

Grade: 12

This senior-level course is an introduction to college algebra, mathematical theory, logical reasoning systems, and other modern mathematics topics. The course is college preparatory and focused on rigorous development of a variety of higher-level thinking skills in preparation for college level mathematics courses.

CALCULUS HONORS

Credits: 5

Prerequisite: Pre-Calculus CP or Honors

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.

AP CALCULUS AB

Credits: 7.5

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: 10

Prerequisite: Pre-Calculus Honors or Calculus Honors

Grade: 11, 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 1 & Calculus 2 courses. **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 enrollment in at least Pre-Calculus CP or Honors concurrently

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).**

MULTIVARIABLE CALCULUS

Credits: 5

Prerequisite: AP Calculus BC

Grade: 12

This course is designed to continue study in the field of calculus. It is intended for students who have completed courses equivalent of Calculus 1 & 2 and are now ready to extend the ideas they have learned and apply them to functions of more than one variable. The course will begin with a review of the concepts taught in Calculus 2 and then introduce the traditional material covered in a college-level "Calculus 3" program: lines and planes in 3-space, vectors, functions of several variables, partial derivatives, multiple integrals, line integrals and vector analysis. These topics will be especially valuable to students who plan on continuing their studies in mathematics, engineering, physics or computer science.

STATISTICS CP

Credits: 5

Prerequisite: Algebra 2

Grades: 10, 11, 12

This mathematics course is designed for college-bound students. Key components of the course include data collection, organization and representation, sampling, central tendency, variance and correlation, probability distributions, hypothesis tests, and analysis and inference. Technology will be used not only to simplify calculation and display charts and graphs, but also to generate and access appropriate data for activities and projects. Graphing calculators are used extensively in this course.

STATISTICS HONORS

Credits: 5

Prerequisites: Geometry Honors, Algebra 2 Honors, Pre-calculus CP or Honors OR Algebra 2 CP with a final average of 91 with teacher recommendations

Grades: 10, 11, 12

This course provides an excellent preparation for students who are contemplating careers in sports, health, computer science, environmental science, business, finance, politics, engineering, or government. The topics in this course include the basics of descriptive and inferential statistics: creating appropriate data displays and using them to learn about the data, designing surveys and experiments to ensure validity of results, using probability to make predictions, using simulations to learn when to question results, creating confidence intervals to estimate population parameters, and using inference tests to question claims about a population. Technology will be used not only to simplify calculation and display charts and graphs, but also to generate and access appropriate data for activities and projects. Graphing calculators are used extensively in this course.

SAT & ACT PREP

Credits: 2.5

Prerequisite: Algebra 1 CP AND Geometry CP or Honors

Grade: 11,12

This class affords students the opportunity to learn and practice strategies that will give them a better chance of success on the SAT and the ACT. This course reflects the new SAT which was administered starting March 2016. During this semester course, students will alternate between a class that focuses on the verbal component of the tests and a class that focuses on the mathematical component of the tests.

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: 5

Grade: 9

This course fulfills the graduation requirement for Physical Education 9

This course focuses on 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: 5

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: 5

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: 5

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. Through hands-on experiences students learn how to obtain, interpret and understand basic health information related to nutrition, exercise, risk avoidance and stress management. Knowledge of health and physical education concepts and skills will empower students to take lifelong responsibility for their personal wellness.

PHYSICAL EDUCATION

Credits: 3.75

Grades: 9, 10, 11, 12

Developmental skill, 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.

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.

DRIVER 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

Grades: 9, 10

Biology investigates patterns, processes and relationships among organisms. The core concepts are powerful conceptual tools for making sense of the complexity, diversity, and interconnectedness of life on Earth. Order in natural systems arises in accordance with rules that govern the physical world, and the order of natural systems can be modeled and predicted through the use of mathematics. This course also makes connections between Earth and human activity. Students will demonstrate understanding through performance expectations. Lab experiences complement the core concepts. This course prepares students for the Biology Competency Test.

BIOLOGY HONORS

Credits: 5

Prerequisite: Placement Grade 9

Grade: 9, 10

This course differs from the non-honors course in the scope, pace and level of difficulty. Biology investigates patterns, processes and relationships among organisms. The core concepts are powerful conceptual tools for making sense of the complexity, diversity, and interconnectedness of life on Earth. Order in natural systems arises in accordance with rules that govern the physical world, and the order of natural systems can be modeled and predicted through the use of mathematics. Students will demonstrate understanding through performance expectations. Lab experiences complement the core concepts. This course prepares students for the Biology Competency Test.

STEM BIOLOGY HONORS

Credits: 5

Prerequisite: Placement in correlation with the Pre-Engineering Academy

Grade: 9

The STEM Biology Honors course is aligned to the Biology Honors course with an increased emphasis on writing and research. Lab experiences complement the core concepts. This course prepares students for the Biology Competency Test.

CONCEPTUAL CHEMISTRY

Credits: 5

Prerequisites: Biology CP AND Algebra 1 OR Teacher Recommendation

Grades: 10, 11

Chemistry investigates matter and energy and ways in which these two quantities interact. Over a course of study in chemistry, students should be able to recognize how both matter and energy are both quantified (measured) and qualified (observed) in a variety of contexts. This course also makes connections between matter and the energy transformations in living systems and includes the connection to nuclear chemistry. This course is designed to provide students with a conceptual and practical understanding of how chemistry affects the environment, society, and global community. Students will demonstrate understanding through performance expectations. Lab experiences complement the core concepts.

CHEMISTRY CP

Credits: 5

Prerequisite: Biology CP

Grades: 10, 11

Chemistry investigates matter and energy and ways in which these two quantities interact. Over a course of study in chemistry, students should be able to recognize how both matter and energy are both quantified (measured) and qualified (observed) in a variety of contexts. This course exposes students to problem-solving situations that are developed through class discussions, demonstrations, and lab activities. This course is a comprehensive course designed to provide a basic understanding of chemistry. This course also makes connections between matter and the energy transformations in living systems and includes the connection to nuclear chemistry. Students will make connections between geoscience and human activity. Students will demonstrate understanding through performance expectations. Lab experiences complement the core concepts.

CHEMISTRY HONORS

Credits: 5

Prerequisite: Biology Honors OR Biology CP with a final average of 91 with teacher recommendation

Grade: 10

This course differs from the non-honors course in the scope, pace and level of difficulty. Chemistry investigates matter and energy and ways in which these two quantities interact. Over a course of study in chemistry, students should be able to recognize how both matter and energy are both quantified (measured) and qualified (observed) in a variety of contexts. This course also makes connections between matter and the energy transformations in living systems and includes the connection to nuclear chemistry. Students will make connections between geoscience and human activity. This course exposes students to problem-solving situations that are developed through class discussions, demonstrations, and lab activities. Students will demonstrate understanding through performance expectations. Lab experiences complement the core concepts.

ENVIRONMENTAL SCIENCE CP

Credits: 5

Prerequisite: Biology CP

Grades: 10, 11, 12

This course presents a comprehensive, first year environmental science curriculum for college bound students who express an interest in the interrelationships of the natural world. Students will discuss the interactions of populations and how humans have altered and are currently altering the natural world. Lab experiences complement the core concepts.

CONCEPTUAL PHYSICS

Credits: 5

Prerequisite: Conceptual Chemistry or Chemistry CP

Grades: 11, 12

Most systems or processes depend at some level on physical subprocesses that occur within it, whether the system in question is a star, Earth's atmosphere, a river, or a bicycle. Understanding a process at any scale requires awareness of the interactions occurring—in terms of the forces between objects, the related energy transfers, and their consequences. In this way, physics underlie natural and human created phenomena. An overarching goal for learning in physics, therefore, is to help students see that there are mechanisms of cause and effect in all systems and processes that can be understood through a common set of physical and principles. This course also presents connections between forces and energy in Earth's history. This course is designed to provide students with a conceptual and practical understanding of how physics applies to natural phenomena. The students in this course would spend more time on topics and would take the focus away from the underlying mathematics. Students will demonstrate understanding through performance expectations. Lab experiences complement the core concepts.

PHYSICS CP

Credits: 5

Prerequisite: Chemistry CP AND Algebra 2 CP or Honors

Grades: 11, 12

Most systems or processes depend at some level on physical sub-processes that occur within it, whether the system in question is a star, Earth's atmosphere, a river, or a bicycle. Understanding a process at any scale requires awareness of the interactions occurring—in terms of the forces between objects, the related energy transfers, and their consequences. In this way, physics underlie natural and human created phenomena. An overarching goal for learning in physics, therefore, is to help students see that there are mechanisms of cause and effect in all systems and processes that can be understood through a common set of physical and principles. This course also presents connections between forces and energy in Earth's history. This comprehensive course provides a basic understanding of natural phenomena. This objective is accomplished through mathematical analysis and laboratory experimentation. Students will demonstrate understanding through performance expectations. Lab experiences complement the core concepts.

PHYSICS HONORS

Credits: 5

Prerequisite: Chemistry Honors OR Chemistry CP with a final average of 91 with teacher recommendation

Grades: 11, 12

Most systems or processes depend at some level on physical sub-processes that occur within it, whether the system in question is a star, Earth's atmosphere, a river, or a bicycle. Understanding a process at any scale requires awareness of the interactions occurring—in terms of the forces between objects, the related energy transfers, and their consequences. In this way, physics underlie natural and human created phenomena. An overarching goal for learning in physics, therefore, is to help students see that there are mechanisms of cause and effect in all systems and processes that can be understood through a common set of physical and principles. This course also presents connections between forces and energy in Earth's history. This course focuses on the physical concepts of natural phenomena through mathematical analysis. Laboratory experiments are used to introduce and bring together concepts of related topics. Students are encouraged to develop understanding based on observations and theory. Students will demonstrate understanding through performance expectations.

AP BIOLOGY

Credits: 10

Prerequisite: Biology Honors AND Chemistry Honors OR Biology CP and Chemistry CP with final average 91

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 perform experiments and interpret the results of observations. Two of the 12 required AP labs (transpiration & photosynthesis) utilize the greenhouse for an in-depth hands-on lab 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).**

AP CHEMISTRY

Credits: 10

Prerequisite: 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: Biology Honors AND Chemistry Honors OR Biology CP, Chemistry CP with final average 91 with teacher recommendation. Completion of Physics with teacher recommendation will also be considered for placement if other requirements are not met.

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: Chemistry Honors OR Physics Honors OR Physics CP with a final average of 91 with teacher recommendation

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 ELECTIVE COURSES

ASTRONOMY 1

Credits: 2.5

Prerequisite: Algebra 1 CP

Grades: 10, 11, 12

This course enables students to understand where they live in the cosmos. Students observe natural phenomena through video resources, computer animation and software, internet resources, and hands-on activities. Topics include: the scale of the cosmos, the night sky, the phases of the moon, the origin and history of astronomy, planetary motion, light, telescopes, the sun, the solar system, the terrestrial planets, the Jovian planets, Pluto, asteroids, meteorites, and the search for life.

ASTRONOMY 2

Credits: 2.5

Prerequisite: Algebra 1 CP and Astronomy 1

Grades: 10, 11, 12

This course enables students to understand where they are in the cosmos and how humanity has learned to understand the known universe. Students observe natural phenomena through video resources, computer animation and software, internet resources, and hands on activities. Topics covered include: properties of stars, the interstellar medium, the formation of stars, stellar evolution and death, neutron stars, pulsars and black holes, the Milky Way and other galaxies, cosmology, and the search for life.

ANATOMY, PHYSIOLOGY AND KINESIOLOGY

Credits: 5

Prerequisite: Biology CP and Chemistry CP

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.

FORENSIC SCIENCE

Credits: 5

Prerequisite: Biology CP and 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: 11, 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 2 years of lab science AND Horticulture 1

Grades: 11, 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: Biology and Chemistry

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: Biology and Chemistry

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. Finally, the students explore the world since 1945 with 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 modern nations of the 19th and 20th centuries and the impact these nations have on contemporary issues.

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. 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

Credits: 5

Prerequisite: Modern World History Honors OR Modern World History CP with a final average of 91 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. 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: 11

This course explores the time period in U.S. history from the Progressive Era through the present. Accompanying the in-depth coverage are additional readings and reports. All students select and complete a community service project between September and May.

U.S. HISTORY 2 HONORS

Credits: 5

Prerequisite: U.S. History 1 Honors OR U.S. History 1 CP with a final average of 91 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. 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: U.S. History 1 Honors

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).**

AP EUROPEAN HISTORY

Credits: 5

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

Grades: 11, 12

In this course students gain knowledge of basic chronology of major events and trends from circa 1450 to the present. The students develop an understanding of principal themes of modern European history, an ability to analyze historical evidence, and an aptitude to analyze and express historical perspective in 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).**

AP MACRO ECONOMICS

Credits: 5

Prerequisite:

1. Algebra 2 Honors OR Algebra 2 CP

AND

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

OR

English 9 Honors, English 10 Honors or English 11 Honors

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 MICRO ECONOMICS

Credits: 5

Prerequisite:

1. **Algebra 2 Honors OR Algebra 2 CP**
AND
2. **U.S. History 1 Honors or U.S. History 2 Honors**
OR
English 9 Honors, English 10 Honors or English 11 Honors

Grades: 11, 12

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

The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature of product markets, includes the study of factor markets and the role of government in promoting greater efficiency and equity in the economy. **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: U.S. History 1 Honors or U.S. History 2 Honors
OR

English 9 Honors, English 10 Honors or English 11 Honors

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: 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).**

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 socioeconomic 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).**

SOCIAL STUDIES ELECTIVES

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.

AMERICAN ECONOMICS

Credits: 2.5

Grades: 9, 10, 11, 12

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

This course focuses on how our market economy deals with the basic conflict between unlimited wants and limited resources. Attention is focused on such topics as inflation and depression, supply and demand, our monetary system and the ways the government deals with economic problems. Overall, this course provides students a sound, concise overview of how the American economic system meets its members' needs, and the basic science of economics in a free market economy.

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.

PSYCHOLOGY

Credits: 2.5

Grades: 11, 12

This introductory course focuses on basic behavioral concepts and 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: 9, 10, 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.

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.

CONTEMPORARY AMERICAN HISTORY

Credits: 2.5

Grades: 12

This course covers the period of history in America from the 1960s to the present. The course begins by studying the impact of the the Civil Rights Movement and social change during the era, continues to study the Vietnam War, the Nixon Years, Stagflation, the Conservative Years, the Middle East, the administrations of Bill Clinton, George W. Bush, and Barack Obama. This course will focus on the 21st century learning skills of creativity, critical thinking, communication, collaboration, and informational and media literacy.

ANCIENT WORLD HISTORY

Credits: 5

Grades: 11, 12

This course traces the progress of civilizations in respect to their political, economic and cultural development. Beginning with the civilizations of the ancient world, the students examine the fall of empires and the rise of the medieval world. Students then trace the rise of the modern nation states of Europe, the cultures of the Renaissance, and the explosiveness of the Reformation. This course concludes with the study of royal absolutism and democratic revolution ending with the empire of Napoleon Bonaparte.

Technology Education

The Wall Township High School Technology Education program provides 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. Areas of study include but are not limited to: structures and mechanisms, control systems and energy systems. Students are instructed in mechanical drawing techniques as well as the use of Computer Aided Drawing and Design software such as AutoCAD and Pro/DESKTOP. Students work on real world engineering design problems, which require the application of valuable skills such as: hands on problem solving, design, creative thinking, teamwork, documentation, presentations, and applied math and science principles.

ENGINEERING DESIGN 2

Credits: 5

Prerequisite: Engineering Design 1

Grades: 10, 11, 12

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

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.

ROBOTICS

Credits: 5

Prerequisite: Engineering Design 2

Grades: 11, 12

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

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 TECHNOLOGY, DESIGN & ENGINEERING

Credits: 5

Prerequisite: Engineering Design 2

Grade: 12

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

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. The students should be passionate about pursuing a career and/or higher education associated within the STEM (Science, Technology, Engineering, Mathematics) fields and/or Entrepreneurialism. 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.

COMPUTER TECHNOLOGIES

Credits: 5

Grades: 9, 10, 11, 12

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

We are living in the Digital Age! Computer Technologies will explore a wide spectrum of computing topics. Students will discover how computers work to process and store data. They will then investigate how email and other information travels successfully over a network and the Internet. Knowledge of how web pages are created will prepare students for future a variety of career applications, including marketing and sales technologies implemented in many website designs. Students will be provided insight and hands-on experience as they apply computer languages and software applications to create their own web pages. This course will provide a complete overview of computer technologies.

DIGITAL ANIMATION AND GAME

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 entertaining games that will help them prepare for the media industry. The Adobe suite of software 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 program will help students develop an eye for design, and translate that knowledge into creating powerful images. 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.

ADVERTISING AND DIGITAL MEDIA

Credits: 5

Grades: 10, 11, 12

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

Visual messaging has become the prime language the business world uses to communicate ideas about their products and services to the public. Whether as an element of creative entertainment, a factor of advertising or branding, or the design elements defining the next wave of web content, well-placed and attention-getting images can communicate an unlimited variety of ideas and information. Students will apply digital photography, Adobe Photoshop, InDesign, Illustrator and DreamWeaver skills to authentic advertising coursework. Color theory, composition, and elements and principles of design will play a strong role in this course to produce eye-catching digital messages.

YEARBOOK PRODUCTION 1

Credits: 5

Prerequisite: Digital Media Design

Grades: 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.

YEARBOOK PRODUCTION 2

Credits: 5

Prerequisite: Yearbook Production 1

Grades: 11, 12

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

This course reinforces basic concepts learned in Yearbook Production 1, and students are expected to take on additional responsibilities. Those students who display outstanding leadership qualities and proficiency in yearbook creation are expected to serve as a senior editor-in-chief and will work with junior editors on assigned tasks. Students are required to devote time outside of the school day to photograph events.

YEARBOOK PRODUCTION 3

Credits: 5

Prerequisite: Yearbook Production 2

Grade: 12

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

This course reinforces basic concepts learned in Yearbook Production 2. Students in this course who display outstanding leadership qualities and proficiency in yearbook creation are expected to serve as a senior editor-in-chief and work with junior editors on assigned tasks. Students in this course are also expected to create sections of the yearbook independently. Students are required to devote time outside of the school day to photograph events.

TELEVISION PRODUCTION 1

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.

TELEVISION PRODUCTION 2

Credits: 5

Prerequisite: TV Production 1

Grades: 10, 11, 12

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

This is an intermediate level course in the theory and techniques of TV production. This course reinforces the technical knowledge learned in TV Production 1, 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.

TELEVISION PRODUCTION 3

Credits: 5

Prerequisite: TV Production 2

Grades: 11, 12

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

This is an advanced level course in the theory and techniques of TV production. Students are required to participate in all phases of a production in the school's television studio, and produce segments for the morning announcements throughout the school year along with special request programming. Technical and communication skills are emphasized as related to the television industry. Additional time outside of the school day is required for recording events.

TELEVISION PRODUCTION 4

Credits: 5

Prerequisite: TV Production 3 or TV Production 2 with Teacher Recommendation

Grade: 12

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

This advanced course continues refining the skills developed in TV 1, 2, and 3. Students in TV 4 produce a short documentary and/or full-length instructional video along with producing a daily morning news 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 the school video yearbook, and sports awards video, and will be required to devote time outside of the school day to record events.

SCREENWRITING: WRITING AND CREATING A SHORT FILM

Credits: 5

Prerequisite: Television Production 1

Grades: 10, 11, 12

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

This course will take students from the beginnings of a film project up to and through the production phase. Students will learn to develop an idea, write a script, complete cinematography and edit the final product. This course is geared towards students wishing to apply to film schools or a student that wants to display their creativity in a digital field.

DIGITAL VIDEO: CREATING CONTENT FOR THE WEB

Credits: 5

Prerequisite: Television Production 1

Grades: 10, 11, 12

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

In this course students will write, videotape and produce videos highlighting classes, teachers and programs at Wall High School. The student will participate in research methods in order to develop informative interview questions. The student will videotape and edit interviews. The student will employ problem solving skills to schedule interviews with various school personnel. The student will research and assess the many careers associated with the field. The student will be able to create a portfolio of work to showcase digital video content.

SOCIAL MEDIA: PLATFORMS, TACTICS, AND TOOLS

Credits: 5

Prerequisite: Television Production 1

Grades: 10, 11, 12

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

In this course students will come to understand the importance of managing Social Media. Social Media platforms have become a tool for businesses and organizations and has become a 21st Century skill career opportunity. Utilizing Social Media has become a worldwide trend that helps businesses and organizations connect with their supporters and customers. Companies can set up accounts for different departments to use Social Media. Careers in Social Media management have emerged where companies need to train employees and establish a set of standards and practices for departments to follow. Careers in Social Media have become essential in only the last few years. This is a growing field as employers will need people to develop written and visual content for their different Social Media platforms.

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 fulfills the visual and performing arts graduation requirement.

This course is designed to continue building upon the basic art elements and principles of design in the creation of original craft projects. Units of study stress the development of a higher level of craftsmanship and creative problem solving. Students develop proficiency in crafts designs including paper, bookmaking, printmaking, textiles, plaster, mosaics, mixed media and fiber arts.

MATERIALS AND TECHNIQUES

Credits: 5

Prerequisite: Art Experience

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

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 canvas 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.

CERAMICS 1

Credits: 5

Prerequisite: Art Experience

Grades: 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

In this course, students design and construct various hand-built projects using the coil, drape, slab, and pinch methods and become involved with the decorating, glazing and firing of their wares. Students develop an understanding of ceramics in historical and cultural contexts through projects and research of materials and methods used 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 fulfills the visual and performing arts graduation requirement.

This course is designed for students to expand their knowledge of the various hand building and wheel throwing techniques. Through project 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 evaluation essays and peer critiques are performed regularly.

SCULPTURE

Credits: 5

Prerequisite: 3-D Design, Ceramics 1, or Materials & Techniques

Grades: 11, 12

This course fulfills the visual and performing arts graduation requirement.

In this course students will be introduced to basic design elements, media, tools and processes involved with sculptural disciplines. Students will face the challenge of developing and realizing ideas and aesthetic visions three dimensionally. Individual and group critiques assist in student artistic development.

PAINTING

Credits: 5

Prerequisite: Materials & Techniques

Grades: 11, 12

This course fulfills the visual and performing arts graduation requirement.

This course is designed to introduce the basic elements of painting to students with limited experience. Students will work with acrylic, oil and watercolors and will explore the many ways paint can be handled and applied. Instruction will be given on preparation of materials and specific exercises will be given so that students will explore color, light, texture, transparency/impasto and composition. Assignments include Surrealism, still-life, architectural, landscapes and distorted-reflective portrait studies. This is an exciting class for students interesting in learning how to paint in the classic mediums.

AP ART HISTORY

Credits: 5

Prerequisites: Art Experience and U.S. History 1 or 2 Honors with a final average of 91 with teacher recommendation

Grades: 11, 12

This course fulfills the visual and performing arts graduation requirement.

This course is designed to promote the development and understanding of painting, sculpture, architecture and various art forms within historical and cultural contexts. Students examine major forms of artistic expression and develop the ability to critically evaluate works of art. **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 STUDIO ART

Credits: 5

Prerequisite: Materials and Techniques with a final average of 91 with teacher recommendation

Grade: 11, 12

This course fulfills the visual and performing arts graduation requirement.

AP Studio Art is a course for students interested in rigorous and focused study in art. This is the opportunity for students to create an original portfolio with their choice of medium and subject matter. Students will work independently to create unique works of art and submit 24 artworks digitally (12 "Breadth", 12 "Concentration") and the 5 best works out of the 24, referred to as "Quality" will be physically submitted to the AP College Board for review for college credit. This course affords students the opportunity to create fine artwork of their choice. Each assignment is student-driven, derived and completed. At the conclusion of this course, students will be well-prepared for college, have an outstanding diverse portfolio with a focused area of study and artworks that demonstrate their ability to work with multiple mediums. **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).**

DESIGN FOR BUSINESS AND INDUSTRY

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 Photo 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 is a three-dimensional design course which develops an understanding of the art elements and principles. The course introduces 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 materials.

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 EXPERIENCE

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This course provides group 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 theory 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. A study of the predominant performers and bands along with an introduction to the elements of a musical performance is explored. Additional topics include the influence of critics, economic concerns, new directions, social issues, and the appreciation of the art form. This course is ideal for students who enjoy music, but do not wish to perform.

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.

JAZZ STUDIES

Credits: 5

Prerequisite: Concurrent enrollment in Band, Wind Ensemble or Orchestra or Guitar Ensemble.

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement.

This is an exploration of the jazz idiom. Jazz styles, history, theory and improvisation are included. The jazz ensemble performs at various concerts throughout the school year.

Participation in dress rehearsals and concerts are required.

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.

INTERMEDIATE 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.**

DIGITAL AUDIO AND ELECTRONIC MUSIC

Credits: 5

Grades: 9, 10, 11, 12

This course fulfills the visual and performing arts graduation requirement OR the 21st Century Skills graduation requirement.

This course is designed for students who wish to explore the digital and electronic applications in music. Areas of study include digital audio, MIDI, sequencing, film scoring, digital music composition, music note processing, recording, synthesis and sound reinforcement using the computer and/or synthesizer as the mode of instruction. (This course may only be taken once.)

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.

This course continues the student exposure to the American Musical theatre repertoire with a concentration on the continued development of 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.

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 AND HARMONY

Credits: 5

Prerequisite: Completion of AP Music Theory

Grade: 12

This course fulfills the visual and performing arts graduation requirement.

Advanced Music Theory and Harmony allows the potential music major an opportunity to continue refining skills and concepts developed in AP Music Theory. This course provides our students with tools needed to meet the demands and expectations of the collegiate music major. Topics include but are not limited to: orchestration, musical arranging, melodic and harmonic dictation, musical analysis, and technology for the musician.

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.

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 French 1 CP with a final average of 91 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 as he observes them in action on videocassette and through individual and group project reports.

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: French 2 Honors OR French 2 CP with a final average of 91 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: French 3 Honors OR French 3 CP

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: 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 Latin 1 CP with a final average of 91 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: Latin 2 Honors OR Latin 2 CP with a final average of 91 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: Latin 3 Honors OR Latin 3 CP

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: Latin 4 Honors

Grades: 11, 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.

PRACTICAL SPANISH AND CULTURES

Credits: 5

Prerequisite: Placement

Grades: 10, 11, 12

In this course, the basic skills for second language acquisition are addressed. Activities will provide more hands-on opportunities to demonstrate knowledge and mastery. Assessments are performance based and tailored to the needs of the student. Instruction follows a communicative, thematic format rather than a more traditional approach. Sample themes include health, 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 Spanish 1 CP with a final average of 91 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: Spanish 2 Honors OR Spanish 2 CP with a final average of 91 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: Spanish 3 Honors OR Spanish 3 CP with a final average of 91 with teacher recommendation

Grades: 11, 12

In this course, students use the language to study the literature, history and culture of Spain and Latin American countries. Emphasis is on free expression and analytical thinking as demonstrated in group discussion and in lengthy written work. Students conduct research and complete problem-based projects in the target language. 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: 11, 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: Spanish 4 Honors

Grade: 12

This course is designed to further the students' skills in writing and speaking. Using reading selections and specified topics the students advance in conversation, composition, stylistics, and usage. Students have extensive reading, writing and speaking activities and assignments. **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).**

Academic Support

To meet the needs of every learner and prepare them for the 21st century, Wall High School offers supports for our students. These supports afford students the tools to succeed in a challenging and rigorous academic environment. Students will have the opportunity to receive additional academic assistance in a structured setting within all disciplines.

GEOMETRY CONNECTIONS

Credits: 5

Grade: 9, 10

Geometry Connections is a full year class that we are offering to selected students. In addition to their Geometry CP class, students have an opportunity to take this class to get the support they need to be successful in Geometry CP. Students have a chance to ask questions, clear up misunderstandings, review homework problems and prepare for assessments they have in their regular Geometry CP class.

ALGEBRA 2 CONNECTIONS

Credits: 5

Grades: 10, 11

Algebra 2 Connections is a full year class offered to selected students. This course is offered in addition to an Algebra 2 CP class. Students have an opportunity to take this class to get the support they need to be successful in Algebra 2 CP. Students have a chance to ask questions, clear up misunderstandings, review homework problems and prepare for assessments they will have in their traditional Algebra 2 CP class. This will also be an opportunity for students to strengthen their Algebra 1 skills and review concepts on state assessments.

SAT & ACT PREP

Credits: 2.5

Prerequisite: Algebra 1 CP AND Geometry CP or Honors

Grade: 11

This class affords students the opportunity to learn and practice strategies that will give them a better chance of success on the SAT and the ACT. This course will reflect the new SAT which will be administered starting March 2016. During this semester course, students will alternate between a class that focuses on the verbal component of the tests and a class that focuses on the mathematical component of the tests.

WRITER'S WORKSHOP

Credits: 5

Grades: 9, 10, 11, 12

This course is designed to provide students with the opportunity to ask questions, build successful study habits and develop strategies to help ensure academic success. Support is offered in a quiet structured environment with the guidance of an English teacher.

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
Marine Engine & Boat Repair

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