Fair Lawn High School
2018-2019
Course Prerequisites

14-00 Berdan Avenue, Fair Lawn, New Jersey 07410
201-794-5450

Visit our home page www.flhs.org for full course descriptions.
Go to the "Academics" drop down menu to view all departments.

Fair Lawn High School Graduation Requirements

[120 Total Credits]

- **English 9, 10, 11, 12**
- **One year of World History & Two Years of U.S. History**
- **Three Years of Science** (to include Biology/Lab, and 2 selections of either Environmental, Geoscience, Chemistry and Physics for the class of 2020 and beyond)
- **Three Years of Mathematics** (15 credits including Algebra 1, Geometry, and Algebra 2)
- **One Year of World Language**
- **One Semester (0.5 year) of Personal Financial Literacy**
- **Physical Education & Health for every year of enrollment**
- **One Year of Visual or Performing Arts**
- **One Year in Career Education & Consumer Family & Life Skills or Vocational/Technical Education**

Electives are an opportunity for you to expand your horizons. Choose electives to explore a career area, learn a skill, enhance a talent, or develop an academic interest. Colleges will not prefer one elective subject over another in the admission process with the exception of those students planning on a specific major in drama, art or music.

Courses listed in the booklet carry designated reflecting levels of difficulty. Please visit our website to view GPA weight for each.

CP – College Preparatory • H – Honors • AP – Advanced Placement

***FDU Middle College Eligible ^^May not be NCAA Eligible

National Collegiate Athletic Association Clearinghouse Freshmen Eligibility Standards

Division I
16 Core-Course Rule

4 Years of English
3 Years of Math (Alg1 or higher)
2 Years Natural/Physical Science (1 year of lab if offered by high school)
1 Year of additional English, Mathematics, or Natural/Physical Science
2 Years of Social Science
4 Years of additional courses (from any area above, foreign language or comparative religion/philosophy)

Division II
16 Core-Course Rule

3 Years of English
2 Years of Math (Alg1 or higher)
2 Years Natural/Physical Science (1 year of lab if offered by high school)
3 Years of additional English, Mathematics, or Natural/Physical Science
2 Years of Social Science
3 Years of additional courses (from any area above, foreign language or comparative religion/philosophy)

Please Note: For students first entering any college or university, computer science courses may only be used for initial-eligibility purposes if the course receives graduation credit in mathematics or natural/physical science and is listed as such on the high school's list of NCAA approved core courses. If you have any questions about NCAA eligibility, please call toll free at…

877-262-1492

Visit our website at:
http://www.ncaa.org/wps/portal

ENGLISH DEPARTMENT

Course:	Prerequisite:
English 9 H	Grades & standardized test scores, per placement rubric
English 9 CP	Successful completion of English 8
English 9	None
English 10 H	Grade of B- or higher in English 9H, or standardized test scores & grades per placement rubric
English 10 CP	Successful completion of English 9 CP or Grade of B- or higher in English 9
English 10	English 9 or English 9CP
English 11 H	Grade of B- or higher in English 10H or standardized test scores & grades per placement rubric
AP English 11	Grade of A- or higher in English 10 H
English 11 CP	Successful completion of English 10CP or Grade of B- or higher in English10
English 11	English 10 CP or English 10
English 12 CP	English 11 CP or B- or Grade of B- or higher in English 11
English 12	English 11 CP or English 11
AP English 12	Grade of A- or higher in English 11 H or a grade of B- or higher in AP English 11
Humanities 12 H	Grade of B- or higher in English 11 H or standardized test scores & grades per placement rubric
Film Study & Production^^	Grades 10-12
Journalism 1^^	Grades 9-12
Journalism 2^^	Broadcast/Journalism 1 – Enrollment limited to newspaper staff writers
Journalism 3^^	Broadcast/Journalism 2 - Enrollment limited to newspaper staff writers
Journalism H^^	Placement by Department Application only
Drama 1^^	Grades 9-12
Drama 2^^	Drama 1
Drama 3 H^^	Drama 2
Drama 4 H^^	Drama 3 H
Power Writing	Grades 9-12
Senior Topics 1 CP	Replaces English 12 CP
Senior Topics 1 H	Grade of B- or higher in English 11 H or standardized test scores & grades per placement rubric, Replaces English 12 H
Senior Topics 3 CP	Replaces English 12 CP
Senior Topics 4 CP	Replaces English 12 CP

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WORLD LANGUAGE DEPARTMENT

Course:	Prerequisite:
Spanish 1 CP	None
Spanish 2 CP	Successful completion of Spanish 1
Spanish 3 CP	Successful completion of Spanish 2
Spanish 4 CP	Successful completion of Spanish 3
Spanish 4 H* **	B or higher in Spanish 3 CP
Spanish 5 H* **	B or higher in Spanish 4 H or B+ or higher in Spanish 4 CP
AP Spanish	B or higher in Spanish 4 H or 5 H, Seniors Only or Juniors with Supervisors approval
French 1 CP	None
French 2 CP	Successful completion of French 1
French 3 CP	Successful completion of French 2
French 4 CP	Successful completion of French 3
French 4 H* **	B or higher in French 3 CP
French 5 H* **	B or higher in French 4 H or B+ or higher in French 4 CP
AP French	B or higher in French 4 H or 5 H, Seniors Only or Juniors with Supervisors approval
Chinese 1 CP	None
Chinese 2 CP	Successful completion of Chinese 1 CP
Chinese 3 CP	Successful completion of Chinese 2 CP
Chinese 4 H	Successful completion of Chinese 3 CP
Chinese 5 H	B or higher in Chinese 4 H
AP Chinese	SENIORS ONLY, B or higher in Chinese 4 H or 5 H or Juniors with Supervisor approval

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SOCIAL STUDIES DEPARTMENT

Course:	Prerequisite:
Modern World History H	Grades & Standardized Test Scores per Placement Rubric
Modern World History CP	Successful completion of Grade 8 Social Studies
Modern World History	Successful completion of Grade 8 Social Studies
US History 1 H	Minimum grade of B- in Modern World History H
US History 1 CP	Successful completion of Modern World History CP
US History 1	Successful completion of Modern World History
US History 2 H	Minimum grade of a B- in US History 1 H, or a grade of A in US History 1 CP
US History 2 CP	Successful completion of US History 1 CP
US History 2	Successful completion of US History 1
Holocaust & Genocide H	Grades 11 & 12 only, A in previous CP History course, or B in previous Honors
Criminal Law (2.5 credits)	Grades 11 & 12 only, Linked with Forensic Science, Chemistry completed or taken concurrently
American Politics & Media Studies CP	Grades 11 & 12 only, C in previous CP level History course
American Politics & Media Studies Honors	Grades 11 & 12 only, B in previous Honors or CP level History course
History of Human Behavior	Grades 11 & 12 only
Foundations of Human Behavior (2.5 credits)	Grades 11 & 12 only, Linked to "Finance: A Personal & Practical Approach"
Sociology CP	Grades 11 & 12 only, C or higher in US History 1 and/or US History 2
History of US through Film & Media^^	Grades 11 & 12 only, C or higher in US History 1 and/or US History 2
AP World History	Grades 11 & 12 only, Minimum grade of B in previous honors History courses or min grade of A in previous CP History courses
AP US History 1	A- in all Honors History courses or A in Modern World History CP plus internal assessment
AP US History 2	B- in AP US 1 or A in US 1 Honors plus internal assessment
AP Euro History	Grades 11 & 12 only, Minimum grade of B in previous honors History courses or min grade of A in previous CP History courses
AP Economics	Min overall GPA of 3.5 and B or higher in Algebra 2H or A in Algebra 2 CP
AP Government & Politics Comparative	Previous AP or Honors History course with a B; min overall GPA of 3.5
AP Psychology	A- in Biology CP or B in Biology H or A- in History of Human Behavior

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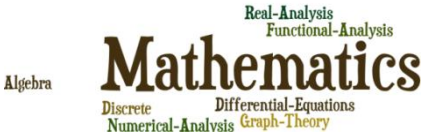
MATHEMATICS DEPARTMENT



Course:	Prerequisite:
Algebra 1 CP	Passing grade in Pre-Algebra
Algebra 2 H	B- or higher in Algebra 1 (Grade 8)
Geometry CP	Passing grade in Algebra 1 CP
Geometry H	B- or higher in Algebra 2H
Algebra 2 CP	Passing grade in Geometry CP
Pre-Calculus CP	C- or higher in Algebra 2 CP
Pre-Calculus H	B- or higher in Algebra 2 H and Geometry H
Calculus H* **	B- or higher in Pre-Calculus CP, or C- or higher in Pre-Calculus H
AP Calculus AB	B- or higher in Pre-Calculus H, or C or higher in Calculus H
AP Calculus BC	A in Pre-Calculus H, or B- or higher in AP Calculus AB
Multivariable Calculus	B- or higher in AP Calculus BC
AP Statistics	Juniors enrolled in Pre-Calculus H Seniors and Juniors only B- or higher in Pre-Calculus H
Statistics H* **	Seniors only , B- or higher in Algebra 2, C or higher in Pre-Calc CP or C- or higher in Pre-Calculus H
Discrete Mathematics	Seniors with a passing grade in Algebra 2
Visual Computer Programming (full year)	B- or higher in Algebra 1 CP
AP Computer Science Principles	A- in Visual Computer Programming and B- in Algebra 1
AP Computer Science A	A- in Visual Computer Programming
Robotics H^^	B- or higher in Visual Computer Programing

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SCIENCE DEPARTMENT

Course:	Science Prerequisite:	Math Prerequisite:
Environmental Science	Successfully complete Grade 8 Science & standardized test cut-offs	None
Environmental Science CP	Successfully complete Grade 8 Science	None
Physics CP (grade 9)	B in Science 8 or Successful completion of Science 8E	B+ in Pre-Algebra or B- in Algebra 1CP
Biology H	A in Grade 8 Science or B- in 8E Science	Algebra 2 concurrent
	A- in Chemistry CP	None
Biology	Pass previous Science course and standardized test cut-offs	None
Biology CP	Pass previous Science course	None
Chemistry CP	Pass Biology CP	C in Algebra 1 CP & Algebra 2 CP concurrent
	Pass Physics CP	None
Conceptual Physical Science	Pass Biology CP or C in Academic Biology	None
Chemistry H	B- in Biology H	Passed Algebra 2 CP
	A- in Physics CP	A in Algebra 1CP or Passed Algebra 2CP
AP Chemistry	A- in Chemistry H	A- in Alg 2H
Introduction to Anatomy	Supervisors permission	None
Geological Science CP* **	Passed grade 10 or 11 Science	None
Astronomy CP	Passed grade 10 or 11 Science	None
Exploring Environmental Issues CP	Passed grade 10 or 11 Science	None
Physics CP	Passed Chemistry CP	None
Physics H	B- in Chemistry H	B- in Pre-Calc H or B in Algebra 2 H or A- in Pre-Calc CP
AP Physics 1	A- in Chemistry H	A- in Pre-Calc H
	A- in Physics H	A- in Pre-Calc H
AP Physics C	B+ in AP Physics 1	Calculus concurrent
Human Anatomy & Physiology H* **	A- in Biology CP or B in Biology H and A- in Chemistry CP or B in Chemistry H	None
Human Anatomy CP	B- in Biology CP	None
Horticulture Honors* ^^**	A- in Biology CP or B in Biology H Outdoor Work & Trips required	None
Horticulture CP* ^^**	B- in Biology CP Outdoor Work & Trips required	None
Forensic Science (2.5 credits)	Linked with Criminal Law, B- in Biology CP, Chemistry CP passed or concurrent (not Conceptual Chem)	None
AP Environmental Science	A-in Biology H or A in another AP Science & B in Chem H	None
AP Biology	A- in Bio H or A in another AP Science and a B in Chemistry H	None
	A in Physics CP and A in Chem H	None
Research in Biology H	Linked to Biology H	None
S.T.E.M. Honors	Linked to AP Physics 1 & C	None

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VISUAL & PERFORMING ARTS DEPARTMENT

MUSIC

Course:	Prerequisite:
Symphonic Band	Grades 9-12
Wind Ensemble H	Acceptance into ensemble by audition only
Music Theory 1	Knowledge of musical notation. Enrollment in music ensemble or instruction on instrument
AP Music Theory	Successful completion of Music Theory 1 and assessment
Orchestra	Min 1 year on a stringed instrument. Winds & Percussion audition required
Orchestra H	Auditions required
Concert Choir	None
Amer. Music Thea. 1	None
Amer. Music Thea. 2	Successful completion of American Musical Theater 1
Amer. Music Thea. 2H	B or better in American Musical Theater 1 & internal assessment

FINE ARTS

Course:	Prerequisite:
Intermediate Drawing and Painting	Grades 10-12, Min grade of B in Fine Art Foundation Classes – Drawing or Painting
Honors Drawing and Painting	Min grade of B in Intermediate Drawing & Painting (or subject to interview with submission or portfolio)
AP Studio Art Drawing	Grades 11 & 12, Min grade of B in Fine Art Foundation Classes
AP Studio Art 2D Design	Grades 11 & 12, Min grade of B in Fine Art Foundation Classes
AP Studio Art 3D Design	Grades 11 & 12, Min grade of B in Fine Art Foundation Classes
Intermediate Pottery and Ceramics	Grades 10-12, Min grade of B in Pottery or Ceramics
Intermediate Applied Art	Grades 10-12, Min grade of B in Fine Art Foundation Classes Studio Skills or Comp Graphics
Inter. Graphic Design	Grades 10-12, Min grade of B in Fine Art Foundation Classes Studio Skills or Comp Graphics
Graphic Design Honors	Successful completion of Inter. Graphic Design or internal assessment
AP Art History	Grade 11-12, A in previous year's core Eng CP or B in previous year's core Eng H or AP course or internal assessment. Grade 10, A in previous year's core English H course plus internal assessment and supervisor approval.
Fashion & Interior Design	Grades 9-12

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CAREER EDUCATION

Family & Consumer Science

Course:	Prerequisite:
Childcare & Development	Grade 12 only by application and interview
Culinary Arts 1	Grades 11 & 12 only
Culinary Arts 2	Grade 12 only, A- in Culinary Arts 1 and internal assessment

Business/Personal Financial Literacy

Course:	Prerequisite:
Web Design	Grades 11-12
Marketing & Entrepreneurship	Grades 10-12
Financial Accounting 1 & 1H* **	Grades 10-12
Financial Accounting 2 & 2H* **	Accounting 1 (B or better in Accounting 1 for Honors Level)
Business of Sports & Entertainment* **	Grades 11-12, a successful previous Business course is preferred
Management & Strategic Planning	Grades 11-12, a successful previous Business course is preferred
Visual Computer Programming/PFL	C- or higher in Alg 1 or 2 (grade 8) or B- or higher in Alg 1 CP
Business Dynamics/PFL	Grades 9-12

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CAREER EDUCATION

Engineering & Tech Department

Course:	Prerequisite:
Engineering & Design	None
Innovation & Invention	B in Engineering & Design or B in Geometry H or Physics H or A- Geometry CP or Physics CP or B in any Engineering & Tech Course
Technical & Architectural Design	B in Engineering & Design or B in Geometry H or Physics H or A- Geometry CP or Physics CP or B in any Engineering & Tech Course
Advanced Engineering & Design Honors	A in Engineering & Design or B in Innovation & Invention or B in Tech & Arch Design or B in Physics H or AP Science or Math Co-Requisite
STEM Honors	AP Chemistry or AP Physics 1 Co-Requisite
Woods Technology 1	Grades 9-11
Construction, Concepts & Design	B in any Woods, Engineering, or Physics Class
Home Ownership & Basic Home Repair (2.5 credits)	Grades 10-12 B- in any Woods, Engineering, Physics, or Geometry Class or Geometry concurrently – Links with Personal Financial Literacy
Woods Technology 2	B in Woods Technology 1
Woods Technology 3	B in Woods Technology 2
Advanced Wood Technology Honors	A in Woods Technology 2 or 3 or internal assessment

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