



# Livingston High School

30 Robert Harp Drive, Livingston, New Jersey 07039

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[www.livingston.org](http://www.livingston.org) CEEB Code: 310705

## School and Community Profile 2018 - 2019

Livingston High School is a comprehensive, public high school that provides programs to meet the diverse needs of approximately 1,900 students enrolled in grades 9-12. The school calendar incorporates four marking periods, and the school runs on a Rotating Drop Schedule, which creates more time for staff to collaborate and develop instructional goals on intra/interdepartmental levels. There are 56-minute class periods on a rotation and 81-minute lab periods that meet once every four days. All students pursue an appropriate academic program encouraging active involvement in learning. The academic program is augmented by a wide range of elective courses and an alternative high school program to help guarantee the success of all students. **Approximately 99% of the Class of 2018 attended a post-secondary institution (93% attended a four-year institution, 6% attended a two-year institution, and 1% are employed, active in our military or participating in a gap year program).** At Livingston High School, 74% of the professionals hold master's degrees and 4.5% of the staff have received their doctorates. Livingston High School provides extensive staff development opportunities for all staff members. The faculty at Livingston High School believes in lifelong learning; this is modeled through their participation in educational opportunities. They have been recognized by professional organizations with honors and awards.

Livingston Township is a suburban, residential community located approximately 25 miles from New York City. A large percentage of the population holds a college degree, and there is a strong belief in the importance of quality education within the community. The residents of Livingston support educational excellence. Livingston High School has completed a series of building improvements including a renovated media center. LHS maintains updated science laboratories, fine arts studios, a robotics and technology wing, an athletic complex featuring a state-of-the-art fitness and wellness center, a renovated performing arts center, and major classroom and technology renovations.

### AWARDS, COMMENDATIONS, and ACCOMPLISHMENTS

2018 National Merit Scholarship Program: 3 Winners, 6 Semifinalists  
National Hispanic Recognition Program  
2 Presidential Scholars Nominees  
Army ROTC National Scholarship - 2 award winners  
University of Rochester High School Awards Program - 4 award winners  
Yale University Model UN Symposium  
Yale University Invitational Forensic Tournament  
Harvard University Invitational Forensic Tournament  
Rider University annual writing contest honorable mentions  
NCFL Speech & Debate qualifiers and semifinalist  
National Speech & Debate Association National Tournament qualifiers  
National Speech & Debate Association Tournament of Champions  
The Apprentice Writer, Susquehanna University publication  
Nancy Thorp Poetry contest honorable mentions  
NJ Youth Poet Laureate Contest  
NCTE Achievement Awards in Writing (juniors)  
New York Times letter to editor, editorial, text-to-text connections and found poetry contest winners  
NJ Speech & Debate League State Champion in Dramatic Interpretation  
Princeton Classic Speech & Debate Tournament  
National Speech & Debate Honor Society Inductees  
International Public Policy Forum  
New Jersey Science Olympiad  
North Jersey Regional Science Fair  
New Jersey Science League  
DuPont Challenge  
Siemens Competition  
Regeneration Science Talent Search  
Google Science Fair  
Chemistry, Biology, and Physics Olympiad  
Junior Science and Humanities award winners  
Clean Tech Competition award winners  
NOCTI Biotechnology credentialing assessment  
FBLA – State Award Winners: 3 First Place, 6 Second Place, 2 Third Place Awards  
Virtual Enterprise Awards: Gold Award for the “Best Sales Pitch  
Competition, Silver Awards for the “Best Booth Competition” at the NYC Trade Fair,  
Company website recognized as the “Top 25% of all VEI Companies  
FDU Rothman Institute of Innovation and Entrepreneurship – Top 24 Business Ideas  
Recognition  
Next Generation Personal Finance Gold Standard School  
MIT Launch Club - Most innovative prototype at NYC Competition; Global Finalist at  
MIT Competition  
FIRST Robotics - Inspire Award (Lancers)/Think Award (Emerald Knights) - Robo-  
Joust Qualifying Tournament  
TEAMS Engineering Competition - 2nd in NJ Division/7th overall in NJ  
Family, Career and Community Leaders of America (FCCLA) - Fall Leadership  
Conference: 3 Medals for Passion for Fashion; State Leadership Conference: 2 Gold  
Medals in Fashion Runway State Event  
Shell Ecomarathon - Americas Competition in Sonoma - 4th place Internal  
Combustion Prototype High School  
Picatinny Arsenal Pumpkin Sling - 4th place finish  
Mock Trial – Essex County Quarterfinalists  
Forensics Speech and Debate – Nationally; 1 team top 16, 1 speech top 6  
Essex County Math League – 1st place (tie)  
New Jersey the Seal of Biliiteracy (8 students)  
Le Grand Concours: French Nat. Cont. (Gold/Silver/Bronze medals)  
Italian National Exam (Gold/Silver/Bronze medals)  
National Spanish Exam (Gold/Silver/Bronze medals)  
NAMM Foundation, Best Communities in Music Education  
American Legion Boys'/Girls' State – 8 students participated  
Rho Kappa History Honor Society  
VFW Voice of Democracy, Essex County student winner  
United States Senate Youth Program, state finalist  
NJ All-State Orchestra/Band/Chorus  
North Jersey Area Band  
North Jersey Band/Orchestra/Chorus  
Congressional Art Exhibition  
Superior Gold Rating at NJ State Concert Band Festival  
The Emerging Artist Exhibition, hurried HS exhibit  
Fresh Perspectives/Morris Museum juried HS exhibit  
Inspired Minds/Herb & Milly Iris Gallery, South Orange Performing Arts Center  
juried HS exhibit  
Photographer's Forum Finalists  
Scholastic Art & Writing, national/regional winners  
Baseball - GNT County Champions, Super Essex Conference Champions  
Bowling – Conference Champions  
Boys Cross Country - SEC Conference Champions  
Boys Fencing – District Champions  
Boys Lacrosse – Jake Cup Champions, Conference Champions  
Girls Lacrosse - Border Cup Champions  
Boys Tennis – State Sectional Champions  
Girls Soccer – Essex County Tournament Champions (first time since 1900's)  
Volleyball – Essex County Champions  
Wrestling - Conference Champions

# PROGRAM OF STUDY

## 2018-2019

### ENGLISH

General English 1  
 English 1 CP  
 English 1 Honors  
 General English 2  
 English 2 CP  
 English 2 Honors  
 General English 3  
 English 3 CP  
 English 3 Honors  
**AP English Language/Comp**  
 General English 4  
 English 4 CP  
 English 4 Honors  
**AP English Literature/Comp**  
**AP Seminar - Humanities**  
 English for Success 1  
 English for Success 2  
 Reading & Writing for Success 1  
 Reading & Writing for Success 2  
 Reading & Writing for Success 3  
 Reading & Writing for Success 4  
 Creative Writing 1  
 Creative Writing 2  
 Creative Writing 3  
 Shakespeare and Drama  
 Public Speaking and Debate  
 Speech and Drama  
 Workshop  
 Journalism  
 Newspaper  
 World Film  
 Yearbook

### BUSINESS

Introduction to Business  
 Computer Applications  
 Microsoft Office Specialist  
 Intro to Investments  
 Sports & Entertainment  
 Marketing  
 Accounting 1  
 Accounting 2  
 Business Law 1  
 Economics  
 Entrepreneurship  
 Marketing  
 Personal Financial Literacy  
 Web Design  
 Co-op Business Ed.  
 Global Business  
**AP Economics**  
 Career Exploration  
 Career Internship Prog 1  
 Career Internship Prog 2  
 Community Based Instruct.

### MATHEMATICS

Essentials of Math 1  
 Algebra 1 Lab  
 Algebra 1 CP  
 Algebra 1 Honors  
 Essentials of Math 2  
 Geometry Lab  
 Geometry CP  
 Geometry Honors  
 Intermediate Algebra CP  
 Applications of Math 1  
 General Intermediate Algebra  
 Algebra 2 CP  
 Algebra 2 Honors  
 College Algebra/Trig.  
 College Math Seminar  
 Pre-Calculus CP  
 Pre-Calculus Honors  
 Calculus CP  
**AP Calculus AB**  
 Intro. to Calculus BC Honors  
**AP Calculus BC**  
 Multivariable Calculus Hon.  
**AP Statistics**  
**AP Computer Science A**  
 Computer Programming  
 Statistics  
 Statistics 2

### VISUAL ARTS

Visual Arts  
 Ceramics 1  
 Ceramics 2  
 Creative Photography 1  
 Creative Photography 2  
 Digital Imaging 1  
 Digital Imaging 2  
 Drawing  
 Metal Arts  
 Painting  
 Printmaking  
 Sculpture  
 TV Production  
 Advanced TV Production  
 TV News/AM Wired  
 Portfolio  
 Preparation/Development  
 Independent Study in Art  
**AP Art History**  
**AP Studio Art: Drawing & Design**  
**AP Studio Art: Photography**  
**AP Studio Art: Digital Imaging**  
**AP Studio Art: Ceramics**

### SCIENCE

General Biology  
 Biology CP  
 Biology Honors  
**AP Biology**  
 General Physical Science  
 Chemistry CP  
 Chemistry Honors  
**AP Chemistry**  
 General Environmental Science  
 Environmental Science CP  
 Environmental Science Honors  
**AP Environmental Science**  
 Physics CP  
**AP Physics 1**  
**AP Physics 2**  
**AP Physics C: E&M**  
**AP Physics C: Mechanics**  
 Dynamics of Healthcare in Society Honors  
 Physiology/Anatomy & Physiology  
 Forensic Science  
 Biotechnology  
 Astronomy  
 Infectious Diseases  
 Natural Disasters  
 Organic Chemistry

### SCIENCE RESEARCH PROGRAM

Intro to Research Methods  
 Honors  
**AP Seminar**  
**AP Research - STEM**

### PHYSICAL EDUCATION

PE 9  
 General Health 9  
 Health 9  
 PE Dev & Adapt 9  
 PE 10  
 General Health 10 Driver's Ed  
 Driver Education  
 PE Dev & Adapt 10  
 PE 11  
 General Health 11  
 Health 11  
 PE Dev & Adapt 11  
 PE 12  
 General Health 12  
 Health 12  
 PE Dev & Adapt 12

### SOCIAL STUDIES

General Modern World History  
 Modern World History CP  
 Modern World History Honors  
 General US History 1  
 US History 1 CP  
 US History 1 Honors  
 General US History 2  
 US History 2 CP  
 US History 2 Honors  
**AP US History 2**  
 Modern European History CP  
 Modern European Hist Honors  
**AP Modern European History**  
**AP Human Geography**  
**AP Psychology**  
**AP Comp Gov't & Politics**  
**AP US Gov't & Politics**  
**AP Seminar - Humanities**  
 Holocaust & Genocide  
 Middle East Studies  
 Holocaust & Genocide  
 Middle East Studies  
 African American Studies  
 Classical Foundation of West. Civ.  
 Psychology  
 Sociology  
 Contemp. American History  
 Women's Studies

### TECHNOLOGY

Engineering CAD 1  
 Engineering CAD 2  
 Architecture CAD 1  
 Architecture CAD 2  
 Trans/Auto Systems  
 Automotive Mechanics  
 Automotive Technology 1  
 Automotive Technology 2  
 Electronics Fabrication  
 Tech & Design 1  
 Tech & Design 2  
 Tech & Design 3  
 Production Graphics  
 Robotics  
 Wood Technology 1  
 Wood Technology 2  
 Visual Graphic/Comm 1  
 Visual Graphic/Comm 2  
 Family/Child Dev. 1 & 2  
 Fashion 1  
 Fashion 2  
 Hotel/Restaurant Mgt  
 Sports Nutrition and Food/Food & Nutrition  
 Interior Design  
 Stage Craft 1  
 Stage Craft 2  
 Tech: Today & Tomorrow  
 Senior Service  
 Independent Study in Tech.  
**AP Computer Principles**

### WORLD LANGUAGES

Intro to Spanish  
 Spanish 1 CP  
 Spanish Communication/Cultures  
 Spanish 2 CP  
 Spanish 2 Honors  
 Spanish 3 CP  
 Spanish 3 Honors  
 Spanish 4 CP  
 Spanish 4 Honors  
 Spanish 5 CP  
**AP Spanish**  
 French 1 CP  
 French 2 CP  
 French 2 Honors  
 French 3 CP  
 French 3 Honors  
 French 4 CP  
 French 4 Honors  
 French 5 CP  
**AP French**  
 Chinese 1 CP  
 Chinese 2 CP  
 Chinese 3 CP  
 Chinese 3 Honors  
 Chinese 4 CP  
 Chinese 4 Honors  
**AP Chinese**  
 Italian 1 CP  
 Italian 2 CP  
 Italian 3 CP  
 Italian 3 Honors  
 Italian 4 CP  
 Italian 4 Honors  
 Italian 5 CP  
**AP Italian**  
 ESL 1  
 ESL 2  
 ESL 3  
 ESL 4  
 World Film I  
 World Film II

### MUSIC

Wind Symphony  
 Symphonic Band  
 Symphonic Band/Chorus  
 Concert Choir  
 American Pop Music  
 Beginner Guitar Lab  
 String Orchestra  
 Orchestra/Chorus  
 Music Technology 1  
 Music Technology 2  
 Music Theory  
**AP Music Theory**

### STATE PROFICIENCY COURSES

English Enrichment 12  
 Math Enrichment 12

### Course Levels

AP (Advanced Placement) – Follows a national curriculum:  
 The most rigorous courses offered at LHS  
 Honors (H) – Requires high level of proficiency in reading, written and spoken language  
 College Preparatory (CP) – College preparatory courses

## GRADING AND STATISTICAL INFORMATION

Livingston High School's grading system is based on an extended 4.0 scale. Only courses taken at LHS are included in the GPA calculations. The Weighted Core GPA is the calculation of all core academic courses (CP/Honors) and all AP Courses.

**Livingston High School does not report Class Rank.**

<b>WEIGHTED GRADE EQUIVALENT TABLE</b>			
<b>GRADE</b>	<b>CP General Courses</b>	<b>HONORS</b>	<b>AP</b>
A	4.00	4.50	5.00
A-	3.66	4.16	4.66
B+	3.33	3.83	4.33
B	3.00	3.50	4.00
B-	2.66	3.16	3.66
C+	2.33	2.83	3.33
C	2.00	2.50	3.00
C-	1.66	2.16	2.66
D+	1.33	1.83	2.33
D	1.00	1.50	2.00
D-	0.66	1.16	1.66
F	0.00	0.00	0.00

<b>CLASS OF 2018 6<sup>th</sup> SEMESTER GRADE INTERVAL TABLE</b> based upon 454 students		
<b>GPA</b>	<b># OF STUDENTS</b>	<b>% OF CLASS</b>
4.25 +	33	7.0%
4.00 – 4.24	43	9.5%
3.75 – 3.99	65	14.3%
3.50 – 3.74	77	17.0%
3.25 – 3.49	59	13.0%
3.00 – 3.24	50	11.0%
2.75 – 2.99	39	8.5%
2.50 – 2.74	29	6.4%
2.25 – 2.49	10	2.2%
2.00 – 2.24	20	4.4%
1.75 – 1.99	8	1.7%
1.50 – 1.74	13	2.8%
1.25 – 1.49	4	1.0%
1.00 – 1.24	3	0.6%
0.00 – 0.99	1	0.2%

### 2017-2018 STANDARDIZED TESTING INFORMATION

<b>ADVANCED PLACEMENT SCORES May 2017</b>	
Number of Students Taking One or More AP Exams:	676
Total number of AP Exams:	1,623
% of students scoring a 4 or 5:	74.7%
% of students scoring a 3 or above:	92.6%
<b>AP Exams Include:</b>	
Art History, Art: Studio Art 2-D Design, Art: Studio 3-D Design, Art: Studio Art-Drawing Biology, Calculus AB, Calculus BC, Chemistry, Chinese Language & Culture, Computer Science A, Economics: Macroeconomics, Economics: Microeconomics, English Language & Composition, English Literature & Composition, Environmental Science, European History, French Language, Government & Politics: Comparative, Government & Politics: United States, Human Geography, Italian Language & Culture, Japanese Language & Culture, Music Theory, Physics 1, Physics 2, Physics C - Electricity & Magnetism, Physics C - Mechanics, Psychology, Spanish Language, Statistics, United States History, World History	

<b>MEAN SAT SCORES</b>	<b>LIVINGSTON</b>	<b>NEW JERSEY</b>	<b>NATIONAL</b>
Evidence Based Reading and Writing	624	547	526
Mathematics	642	547	531
<b>MEAN ACT SCORES</b>	<b>LIVINGSTON</b>	<b>NEW JERSEY</b>	<b>NATIONAL</b>
Reading	26.2	24.0	21.3
English	27.1	23.8	20.2
Mathematics	26.1	23.6	20.5
Science	25.5	23.0	20.7
<b>SUBJECT TEST</b>	<b>MEAN SCORE</b>	<b>SUBJECT TEST</b>	<b>MEAN SCORE</b>
Biology-Molecular	709	Math Level 2	727
Chemistry	701	Physics	696
English Literature	608	U.S. History	688
Math Level 1	646		

## CLASS OF 2018 COLLEGE MATRICULATION

Adelphi University  
American University  
Arizona State University  
Bar-Ilan University  
Barnard College  
Bentley University  
Bergen Community College  
Binghamton University  
Bloomsburg University of Pennsylvania  
Boston College  
Boston University  
Brandeis University  
Bucknell University  
California Polytechnic State University,  
San Luis Obispo  
Carnegie Mellon University  
Case Western Reserve University  
Chapman University  
Clark University  
Coastal Carolina University  
Columbia University  
Cornell University  
County College of Morris  
Dominican College  
Drew University  
Drexel University  
Duke University  
Eckerd College  
Elon University  
Embry Riddle Aeronautical University,  
Daytona Beach  
Emory University  
Essex County College  
Fairleigh Dickinson University  
Fordham University  
Franklin & Marshall College  
Georgia Institute of Technology  
Harvard University  
High Point University  
Hofstra University  
Hood College  
Indiana University at Bloomington  
Iona College  
Ithaca College  
Johnson & Wales University  
Kean University  
Kenyon College  
King's College  
Kutztown University of Pennsylvania  
Lafayette College  
Lehigh University  
Loyola University Maryland  
Lynn University  
Manhattan School of Music  
Marist College  
Massachusetts Institute of Technology  
McGill University  
Miami University, Oxford  
Monmouth University  
Montclair State University  
Muhlenberg College  
New Jersey City University  
New Jersey Institute of Technology  
New York University  
Northeastern  
Ohio University  
Palm Beach State College  
Pennsylvania College of Technology  
Pennsylvania State University  
Phoenix East Aviation  
Pratt Institute  
Princeton University  
Quinnipiac University  
Ramapo College of New Jersey  
Rensselaer Polytechnic Institute  
Rider University  
Rowan College at Gloucester County  
Rowan University  
Rutgers University-New Brunswick  
Rutgers University-Newark  
Sacred Heart University  
Saint Joseph's University  
Savannah College of Art and Design  
School of Visual Arts  
Seton Hall University  
St. John's University  
State University of New York at New Paltz  
Stevens Institute of Technology  
Stockton University  
Stony Brook University  
SUNY Buffalo State College  
Syracuse University  
Temple University  
The College of New Jersey  
The George Washington University  
The New School  
The Ohio State University  
The University of Alabama  
The University of Arizona  
The University of Edinburgh  
The University of North Carolina at  
Chapel Hill  
The University of Scranton  
The University of Tampa  
The University of Texas, Austin  
Towson University  
Tufts University  
Tulane University  
United States Air Force Academy  
University at Buffalo, The State  
University of New York  
University of California, Santa Barbara  
University of Chicago  
University of Colorado at Boulder  
University of Connecticut  
University of Delaware  
University of Denver  
University of Florida  
University of Hartford  
University of Illinois at Urbana-  
Champaign  
University of Kansas  
University of Maine  
University of Maryland, College Park  
University of Massachusetts, Amherst  
University of Miami  
University of Michigan  
University of New England  
University of New Haven  
University of Pennsylvania  
University of Pittsburgh  
University of Rochester  
University of South Carolina  
University of Toronto  
University of Vermont  
University of Virginia  
University of Southern California School  
of Cinematic Arts  
University of Vermont  
University of Wisconsin, Madison  
Vassar College  
Villanova University  
Washington University in St. Louis  
William Paterson University  
Yale University

### Livingston High School Administration

**Principal:** Mr. Mark Stern

**Assistant Principals:** Mrs. Jenna McCarthy, Mrs. Bronawyn O'Leary, Ms. Danielle Rosenzweig

**Dean of Students:** Mr. Amro Mohammed

**Director of School Counseling:** Mrs. Sinéad Crews

### School Counselors

Mr. Adam Berryann  
Ms. Therese Desamours  
Ms. Kathleen Guzman  
Ms. Sarah Joseph  
Ms. Amy Kessler

Mrs. Loraine Morgenroth  
Ms. Stephanie Molaro  
Ms. Oshaira Pichardo  
Mrs. Tina Renga