



# 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 2019 - 2020

Livingston High School is a comprehensive, public high school that provides programs to meet the diverse needs of approximately 1,950 students enrolled in grades 9-12. The school calendar incorporates two semesters, and the school runs on a Rotating Drop Schedule, which creates more time for staff to collaborate and develop instructional goals on cross-curricular 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 97% of the Class of 2019 attended a post-secondary institution (90% attended a four-year institution, 7% attended a two-year institution, and 2% 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 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.

Livingston Township is a suburban, residential community located approximately 20 miles from New York City. A large percentage of community members hold a college degree. The residents of Livingston support educational excellence and have a strong belief in the importance of quality education. Livingston Township has made and continues to expand its support of the arts, volunteerism, multiple hospitals and improvement of parks and recreational facilities.

### AWARDS, COMMENDATIONS, and ACCOMPLISHMENTS

2019 National Merit Scholarship Program: 2 winners, 14 semifinalists  
National Hispanic Recognition Program: 4 qualifiers  
Presidential Scholars Nominees: 3  
NJ Scholars Program – 2 finalists  
Essex County “Unsung Heroes/Heroines” Award  
Hugh O’Brien Youth Leadership  
Navy ROTC National Scholarship  
West Point Eisenhower Leadership Award nomination  
Davidson College, John Montgomery Belk Scholarship  
Indiana University Wells Scholars Program  
Rensselaer Medal Award (RPI)  
Rochester Institute of Technology: Computing Medal/Innovation and Creativity  
University of Rochester High School Awards Program  
University of Virginia Jefferson Scholars  
Washington University Danforth Scholars Program  
Villanova Presidential Scholarship  
Prudential Spirit of Community Award  
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)  
NY Times letter to editor/editorial/text-to-text connections & 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  
NJ Governor’s School of Engineering & Technology  
Rochester Bausch & Lomb Honorary Science Award  
NJ Envirothon Competition  
Ocean County Science Bowl Competition  
Child Mind Institute Rising Scientist Award  
NJ Governor’s School for the Sciences  
New Jersey Science Olympiad  
North Jersey Regional Science Fair  
New Jersey Science League  
DuPont Challenge  
Siemens Competition  
Regeneron 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  
International Technology & Engineering Educators Association Program Excellence Award  
Next Generation Personal Finance Gold Standard School  
MIT Launch Club - Most innovative prototype at NYC Competition; Global Finalist at MIT Competition  
NJCPA Scholarship Program: 1 of 16 winners in NJ  
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 Bilingualism (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 invited to Boys State; 2 students selected as Delegates for Girls State (2 alternates selected)  
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, juried 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  
70 South Gallery, Student Photographer – Juried  
Randolph Invitational Exhibit and Competition  
Scholastic Art & Writing, national/regional winners  
Boys Bowling Super Essex Conference Champions, Sectional Champions  
Boys Fencing Centurlo Award – Sabre, Super Essex Conference Champions, District Champions, NJSIAA Sabre Champions, NJSIAA State Champions  
Boys Lacrosse – Jake Cup Champions  
Girls Lacrosse - Border Cup Champions, Conference Champions  
Boys Tennis – State Sectional Champions  
Girls Soccer – Essex County Tournament Champions (first time since 1900’s)  
Softball Conference Champions

## PROGRAM OF STUDY

### ENGLISH

General English 1  
 English 1 CP  
 English 1 H  
 General English 2  
 English 2 CP  
 English 2 H  
 General English 3  
 English 3 CP  
 English 3 H  
**AP English Language & Composition**  
 General English 4  
 English 4 CP  
 English 4 H  
**AP English Literature & Composition**  
**AP Seminar – Liberal & Fine Arts**  
**AP Research – Liberal & Fine Arts**  
 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 1  
 World Film 2  
 Yearbook

### 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

### MATHEMATICS

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

### SOCIAL STUDIES

General Modern World History  
 Modern World History CP  
 Modern World History H  
 General US History 1  
 US History 1 CP  
 US History 1 H  
 General US History 2  
 US History 2 CP  
 US History 2 H  
**AP US History 2**  
 Modern European History CP  
 Modern European Hist H  
**AP Modern European History**  
**AP Human Geography**  
**AP Comp Government & Politics**  
**AP Psychology**  
**AP Seminar – Liberal & Fine Arts**  
**AP Research – Liberal & Fine Arts**  
**AP US Government & Politics**  
**AP World History**  
 Holocaust & Genocide Studies  
 Middle East Studies  
 Middle East Studies  
 African American Studies  
 Classical Foundation of Western Civilization  
 Psychology  
 Sociology  
 Contemp. American History  
 Women's Studies/Gender Studies

### SCIENCE

General Biology  
 Biology CP  
 Biology H  
**AP Biology**  
 General Physical Science  
 Chemistry CP  
 Chemistry H  
**AP Chemistry**  
 General Environmental Science  
 Environmental Science CP  
 Environmental Science H  
**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 H/CP  
 Anatomy & Physiology 1  
 Anatomy & Physiology  
 The Human Body  
 Biotechnology 1  
 Biotechnology 2  
 Sustainability Science 1  
 Forensic Science  
 Astronomy  
 Medical Microbes  
 Natural Disasters

### SCIENCE RESEARCH PROGRAM

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

### BUSINESS

Introduction to Business  
 Computer Applications  
 Microsoft Office Specialist  
 Investing  
 Sports & Entertainment Marketing  
 Accounting 1  
 Accounting 2  
 Business Law 1  
 Economics  
 Entrepreneurship  
 Marketing  
 Personal Financial Literacy  
 Web Design  
 Cooperative Work Experience  
 Global Business  
**AP Economics**  
 Career Exploration  
 Career Internship Prog 1  
 Career Internship Prog 2  
 Community Based Instruction

### TECHNOLOGY/FCS

Engineering CAD 1/ Eng. & Product Design 1  
 Engineering CAD 2/ Eng. & Product Design 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 Development 1  
 Family/Child Development 2  
 Fashion 1  
 Fashion 2  
 Hotel/Restaurant Management  
 Sports Nutrition/Food/Food & Nutrition  
 Interior Design  
 Stage Craft 1  
 Stage Craft 2  
 Adulting 101: Tools to Help You Succeed in Life  
 Tech: Today & Tomorrow  
 Senior Service  
 Independent Study in Technology  
**AP Computer Principles**

### VISUAL ARTS

Visual Arts  
 Ceramics 1  
 Ceramics 2  
 Creative Photography 1  
 Creative Photography 2  
 Digital Imaging 1  
 Digital Imaging 2  
 Drawing  
 Metal Arts  
 Painting  
 Mural Painting & Design  
 Printmaking  
 Sculpture  
 TV Production  
 Advanced TV Production  
 TV News/AM Wired  
 Portfolio Preparation/Portfolio 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: 3D Design/Ceramics**

### WORLD LANGUAGE

Introduction to Spanish  
 Spanish 1 CP  
 Spanish Communication & Cultures  
 Spanish 2 CP  
 Spanish 2 H  
 Spanish 3 CP  
 Spanish 3 H  
 Spanish 4 CP  
 Spanish 4 H  
 Spanish 5 CP  
**AP Spanish**  
 French 1 CP  
 French 2 CP  
 French 2 H  
 French 3 CP  
 French 3 H  
 French 4 CP  
 French 4 H  
 French 5 CP  
**AP French**  
 Chinese 1 CP  
 Chinese 2 CP  
 Chinese 3 CP  
 Chinese 3 H  
 Chinese 4 CP  
 Chinese 4 H  
**AP Chinese**  
 Italian 1 CP  
 Italian 2 CP  
 Italian 3 CP  
 Italian 3 H  
 Italian 4 CP  
 Italian 4 H  
 Italian 5 CP  
**AP Italian**  
 ESL 1  
 ESL 2  
 ESL 3  
 ESL 4  
 World Film 1  
 World Film 2

### MUSIC

Wind Symphony  
 Symphonic Band  
 Symphonic Band/Chorus  
 Concert Band  
 Concert Band/Chorus  
 Concert Chorus  
 American Pop Music  
 Beginner Guitar/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

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 2020 6<sup>th</sup> SEMESTER GRADE INTERVAL TABLE</b>		
<b>GPA</b>	<b># OF STUDENTS</b>	<b>% OF CLASS</b>
4.25 +	45	9.2%
4.00 – 4.24	45	9.2%
3.75 – 3.99	55	11.3%
3.50 – 3.74	66	13.5%
3.25 – 3.49	76	15.6%
3.00 – 3.24	65	13.3%
2.75 – 2.99	41	8.4%
2.50 – 2.74	46	9.4%
2.25 – 2.49	20	4.1%
2.00 – 2.24	13	2.7%
1.75 – 1.99	6	1.2%
1.50 – 1.74	6	1.2%
1.25 – 1.49	3	0.6%
1.00 – 1.24	0	0.0%
0.00 – 0.99	1	0.2%

### 2018 - 2019 ACT & SAT TESTING INFORMATION

<b>MEAN ACT SCORES</b>	<b>LIVINGSTON</b>	<b>NEW JERSEY</b>	<b>NATIONAL</b>
Reading	27.1	24.6	21.2
English	27.4	24.3	20.1
Mathematics	26.1	24.0	20.4
Science	26.4	23.6	20.6

<b>MEAN SAT SCORES</b> (took essay)	<b>LIVINGSTON</b>	<b>NEW JERSEY</b>	<b>NATIONAL</b>
Evidence Based Reading & Writing	634	566	545
Mathematics	665	569	543

### 2018-2019 SAT Subject Test Mean Scores

<b>SUBJECT TEST</b>	<b>MEAN SCORE</b>	<b>SUBJECT TEST</b>	<b>MEAN SCORE</b>
Biology-Molecular	672	Math Level 2	751
Chemistry	701	Physics	742
English Literature	598	U.S. History	686
Math Level 1	690		

### ADVANCED PLACEMENT SCORES May 2019

Number of Students Taking One or More AP Exams:	715
Total number of AP Exams:	1,687
% of students scoring a 4 or 5:	69%
% of students scoring a 3 or above:	90%

#### AP Exams Include:

Art History, Biology, Calculus AB, Calculus BC, Chemistry, Chinese, Computer Science A, Computer Science Principles, Macroeconomics, Microeconomics, Music Theory, Language & Composition, English Literature & Composition, Environmental Science, European History, French, Comparative, Government & Politics, US Government & Politics, Human Geography, Italian, Physics 1, Physics 2, Physics C - Electricity & Magnetism, Physics C - Mechanics, Psychology, Research, Seminar, Spanish, Statistics, Studio Art 2-D Design, Studio Art 3-D Design, Studio Art-Drawing, US History

## CLASS OF 2019 COLLEGE MATRICULATION

Adelphi University	Johns Hopkins University	SUNY Broome Community College
American University	Kean University	SUNY Delhi
Arcadia University	Kutztown University of Pennsylvania	Sussex County Community College
Arizona State University	Lafayette College	Syracuse University
Auburn University	Lehigh University	Tallahassee Community College
Bar-Ilan University	Lincoln Technical Institute	Temple University
Bentley University	Loyola University, Maryland	The College of New Jersey
Bergen Community College	Marist College	The George Washington University
Binghamton University, SUNY	Maryland Institute College of Art	The Ohio State University
Boston University	Marymount Manhattan College	The Peabody Institute of the Johns Hopkins University
Brandeis University	McGill University	The University of Alabama
Broward College	Middlebury College	The University of North Carolina at Chapel Hill
Bucknell University	Monmouth University	The University of Tampa
Caldwell University	Montclair State University	Tufts University
Carnegie Mellon University	Mount St. Mary's University	Tulane University
Case Western Reserve University	Muhlenberg College	Union College
Clarkson University	New Jersey City University	University of California, Berkeley
Coastal Carolina University	New Jersey Institute of Technology	University of California, Los Angeles
Columbia University	New York University	University of Colorado, Boulder
Cornell University	North Carolina State University	University of Delaware
County College of Morris	Northeastern University	University of Florida
Dickinson College	Northwestern University	University of Hartford
Drew University	Pennsylvania State University, University Park	University of Illinois, Urbana- Champaign
Drexel University	Purchase College, SUNY	University of Maryland, College Park
Duke University	Purdue University	University of Massachusetts, Amherst
Ecole De Conde	Quinnipiac University	University of Miami
Elon University	Ramapo College of New Jersey	University of Michigan
Embry Riddle Aeronautical University, Prescott	Rensselaer Polytechnic Institute	University of Pennsylvania
Emerson College	Rider University	University of Pittsburgh
Emory University	Rochester Institute of Technology	University of Rhode Island
Essex County College	Rowan University	University of Rochester
Fashion Institute of Technology	Rutgers University, New Brunswick	University of Vermont
Fordham University	Rutgers University, Newark	University of Wisconsin, Madison
Franklin & Marshall College	Sacred Heart University	Vanderbilt University
Furman University	Salt Lake Community College	Villanova University
Gettysburg College	Savannah College of Art and Design	Virginia Tech
Hartwick College	Seattle Pacific University	Wagner College
Harvard University	Seton Hall University	Wake Forest University
High Point University	Southern Connecticut State University	Washington University in St. Louis
Hofstra University	Southwestern Community College	West Virginia University
Howard University	St. John's University	William Paterson University of New Jersey
Indiana University, Bloomington	St. Thomas Aquinas College	Yale University
Ithaca College	Stevens Institute of Technology	
James Madison University	Stockton University	
John Jay College of Criminal Justice, CUNY	Stony Brook University	

### Livingston High School Administration

**Principal:** Mr. Mark Stern

**Assistant Principals:** Mrs. Marjorie Duffy, Dr. Mary Kate Pretto, 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