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, COMMEMORATIONS, and ACCOMPLISHMENTS**

- **2018 National Merit Scholarship Program:** 3 Winners, 6 Semifinalists
- **National Hispanic Recognition Program**
- **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 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**
- **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**
- **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 Biliteracy (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)**

**NAMMFoundation: Contestants 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, hurded 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

### AP Course Codes
- AP English
- AP History
- AP Language

## 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
- Computer Programming

### AP Computer Science A
- Computer Programming

### AP Computer Science Principles
- Computer Principles

## 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
- Chemistry CP

### AP Chemistry
- Honors
- AP Research

### AP Research - STEM
- STEM

## 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 History CP
- Modern European History Honors

### AP Modern European History
- AP Human Geography

### AP US Government & Politics
- Advanced Placement
- Government & Politics

### AP Psychology
- Psychology

### AP Fine Arts
- Fine Arts

## 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 Prag 1
- Career Internship Prag 2
- Community Based Instruct.

### AP Studio Art: Ceramics
- AP Studio Art

## VISUAL ARTS
- Visual Arts
- Ceramics
- Ceramics 1
- Ceramics 2
- Creative Photography
- Digital Imaging
- 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 Studio Art: Drawing & Design
- AP Studio Art
- AP Seminar

### AP Research - STEM
- AP Studio Art: Digital Imaging

## PHYSICAL EDUCATION
- PE 9
- General Health 9
- Health 9
- PE & Adap 9
- PE 10
- General Health 10 Driver's Ed
- Driver Education
- PE & Adap 10
- PE 11
- General Health 11
- Health 11
- PE & Adap 11
- PE 12
- General Health 12
- Health 12
- PE & Adap 12

## TECHNOLOGY
- Engineering CAD 1
- Engineering CAD 2
- Architecture CAD 1
- Architecture CAD 2
- Trans/Auto Systems
- Automotive Mechanics
- Automotive Technology
- Automotive Technology 2
- Electronics Fabrication
- Tech & Design
- Tech & Design
- 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 1
- World Film 2

## 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.

**Weighted Grade Equivalent Table**

<table>
<thead>
<tr>
<th>GRADE</th>
<th>CP General Courses</th>
<th>CP Honors</th>
<th>AP GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
<td>4.50</td>
<td>5.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.66</td>
<td>4.16</td>
<td>4.66</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
<td>3.83</td>
<td>4.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td>3.50</td>
<td>4.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.66</td>
<td>3.16</td>
<td>3.66</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
<td>2.83</td>
<td>3.33</td>
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<tr>
<td>C</td>
<td>2.00</td>
<td>2.50</td>
<td>3.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.66</td>
<td>2.16</td>
<td>2.66</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
<td>1.83</td>
<td>2.33</td>
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<tr>
<td>D</td>
<td>1.00</td>
<td>1.50</td>
<td>2.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.66</td>
<td>1.16</td>
<td>1.66</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

**Class of 2018 6th Semester Grade Interval Table**

<table>
<thead>
<tr>
<th>GPA</th>
<th># of Students</th>
<th>% of Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.25+</td>
<td>33</td>
<td>7.0%</td>
</tr>
<tr>
<td>4.00 – 4.24</td>
<td>43</td>
<td>9.5%</td>
</tr>
<tr>
<td>3.75 – 3.99</td>
<td>65</td>
<td>14.3%</td>
</tr>
<tr>
<td>3.50 – 3.74</td>
<td>77</td>
<td>17.0%</td>
</tr>
<tr>
<td>3.25 – 3.49</td>
<td>59</td>
<td>13.0%</td>
</tr>
<tr>
<td>3.00 – 3.24</td>
<td>50</td>
<td>11.0%</td>
</tr>
<tr>
<td>2.75 – 2.99</td>
<td>39</td>
<td>8.5%</td>
</tr>
<tr>
<td>2.50 – 2.74</td>
<td>29</td>
<td>6.4%</td>
</tr>
<tr>
<td>2.25 – 2.49</td>
<td>10</td>
<td>2.2%</td>
</tr>
<tr>
<td>2.00 – 2.24</td>
<td>20</td>
<td>4.4%</td>
</tr>
<tr>
<td>1.75 – 1.99</td>
<td>8</td>
<td>1.7%</td>
</tr>
<tr>
<td>1.50 – 1.74</td>
<td>13</td>
<td>2.8%</td>
</tr>
<tr>
<td>1.25 – 1.49</td>
<td>4</td>
<td>1.0%</td>
</tr>
<tr>
<td>1.00 – 1.24</td>
<td>3</td>
<td>0.6%</td>
</tr>
<tr>
<td>0.00 – 0.99</td>
<td>1</td>
<td>0.2%</td>
</tr>
</tbody>
</table>

2017-2018 Standardized Testing Information

**Advanced Placement Scores**

May 2017

<table>
<thead>
<tr>
<th>Number of Students Taking</th>
<th>676</th>
</tr>
</thead>
<tbody>
<tr>
<td>One or More AP Exams:</td>
<td></td>
</tr>
<tr>
<td>Total number of AP Exams:</td>
<td>1,623</td>
</tr>
<tr>
<td>% of students scoring a 4 or 5:</td>
<td>74.7%</td>
</tr>
<tr>
<td>% of students scoring a 3 or above:</td>
<td>92.6%</td>
</tr>
</tbody>
</table>

AP Exams Include:

- 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:

**Mean SAT Scores**

| Evidence Based Reading and Writing | 624 | 547 | 526 |
| Mathematics | 642 | 547 | 531 |

**Mean ACT Scores**

| 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 |

**Subject Test MEAN SCORE**

<table>
<thead>
<tr>
<th>SUBJECT TEST</th>
<th>MEAN SCORE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biology-Molecular</td>
<td>709</td>
</tr>
<tr>
<td>Chemistry</td>
<td>701</td>
</tr>
<tr>
<td>English Literature</td>
<td>608</td>
</tr>
<tr>
<td>Math Level 1</td>
<td>646</td>
</tr>
<tr>
<td>Math Level 2</td>
<td>727</td>
</tr>
<tr>
<td>Physics</td>
<td>696</td>
</tr>
<tr>
<td>U.S. History</td>
<td>688</td>
</tr>
</tbody>
</table>
CLASS OF 2018 COLLEGE MATRICULATION

Adelphi University
American University
Arizona State University
Bar-Ilan University
Barnard College
Bentley University
Binghamton University
Bloomington 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 University
Ohio University
Palm Beach State College
Pennsylvania College of Technology
Pennsylvania State University
Phoenix East Aviation
Pratt Institute
Princeton University
Quinnipiac University
Rampco College of New Jersey
Rensselaer Polytechnic Institute
Rider University
Rowan 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