



Livingston High School

30 Robert Harp Drive, Livingston, New Jersey 07039

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www.livingston.org CEEB Code: 310705

School and Community Profile 2017 - 2018

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 96% of the Class of 2017 attended a post-secondary institution (90% attended a four-year institution, 6% attended a two-year institution, and 3% are employed, active in our military or participating in a gap year program).** At Livingston High School, 73% of the professionals hold master's degrees and approximately 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

2017 National Merit Scholarship Program, 3 Winners, 11 Finalists
FIRST Robotics – World Championship Tournament 1st place Think Award;
NJ 1st place Innovate Award
MIT Launch Club National finalists
Yale University Model UN Symposium
Yale University Invitational Forensic Tournament
University of Pennsylvania Liberty Bell Classic Bell Tournament
Harvard University Invitational Forensic Tournament
Rider University annual writing content honorable mentions
NJCTE annual writing content winners
New Jersey Science Olympiad
North Jersey Regional Science Fair
New Jersey Science League
DuPont Challenge
Siemens Competition
Intel Science Talent Search
Chemistry, Biology, and Physics Olympiad
Merck State Science Day
Junior Science and Humanities award winners
Clean Tech Competition award winners
American Legion Boys'/Girls' State – 10 students participated
History Teachers Presented at National Council for Social Studies on AP
Geography
Rho Kappa History Honor Society
VFW Voice of Democracy, Essex County student winner
United States Senate Youth Program, state finalist
FBLA – National, 5th place Entrepreneurship; 10th Insurance & Risk
Management
FBLA – NJ, 1st place Marketing; 2nd place Marketing, Entrepreneurship,
Insurance & Risk Management, and Securities and Investments; 3rd place
Entrepreneurship; 4th place Introduction to Financial Math; 5th place Business
Ethics
NJ TEAMS Engineering Competition – 1st place New Jersey – Grades 11/12
Shell Ecomarathon Americas Competition Participant - 553 mpg – 2nd place
for gasoline powered prototype high school
Farleigh Dickinson University - NJ New Business Idea finalist
NJ Society of Certified Public Accountants – 4 scholarship finalists
Family, Career, and Community Leaders of America – NJ, Fashion Design-
3rd Place, Recycle Redesign- 3rd Place, Fashion Runway- Silver Medals (2)

Microsoft Certification Specialists – 3 students certified
Essex County Math League – 2nd place
New Jersey the Seal of Biliteracy (10 students)
Le Grand Concours: French Nat. Cont. (Gold/Silver/Bronze medals)
Italian National Exam (10 students in Top 20 in nation)
NAMM Foundation, Best Communities in Music Education
National Merit Scholars (2)
National Hispanic Recognition Program
NCFL Speech & Debate qualifiers and semifinalist
National Speech & Debate Association National Tournament qualifiers
National Speech & Debate Association Tournament of Champions
National Spanish Exam: Spanish Nat. Cont. (1st, 2nd, & 4th in state)
NJ All-State Orchestra/Band/Chorus
NJ State Seal of Biliteracy
North Jersey Area Band
North Jersey Band/Orchestra/Chorus
North Jersey Regional Science Fair award winner
Superior Gold Rating at NJ State Concert Band Festival
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
The Apprentice Writer, Susquehanna University publication
Nancy Thorp Poetry content honorable mentions
NJ Youth Poet Laureate Contest
Science Olympiad award winner: Biology, Chemistry and Physics Olympiad
Award winners
Science League Award winner
The Emerging Artists Exhibition
Boys Tennis – State Sectional Champions
Boys Volleyball – Essex County Champions
Boys Lacrosse – Conference Champions
Girls Soccer – State Sectional, County, and Conference Champions
Girls Volleyball – Conference Champions
Bowling – State Sectional, Conference, and County Champions
Girls Fencing – Saber State Sectional Champion

PROGRAM OF STUDY

2017-2018

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
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 & 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
Business Law 2
Economics
Entrepreneurship
Marketing
Personal Financial Literacy
Senior Service
Web Design
Co-op Business Ed.
Global Business
AP Economics

MATHEMATICS

Essentials of Math 1
Algebra 1 Lab
Algebra 1 CP
Algebra 1 Honors
Essentials of Math 2
Geometry Lab
Geometry CP
Geometry Honors
Essentials of Math 2
Intermediate Algebra CP
Applications of Math 1
General Intermediate Algebra
General Math 4
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 1
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
Sculpture
TV Production
Advanced TV Production
TV News/AM Wired
Portfolio Preparation
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
Physiology
Forensic Science
Biotechnology
Astronomy
Infectious Diseases
Natural Disasters
Organic Chemistry

SCIENCE RESEARCH PROGRAM

Intro to Research Methods
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
Modern European Hist Honors
AP Modern European History
AP Human Geography
AP Psychology
AP Comp Gov't & Politics
AP US Gov't & Politics
Holocaust & Genocide
Middle East Studies
Holocaust & Genocide
Middle East Studies
African American Studies
Community Leadership
Classical Foundation of West. Civ.
Psychology
Sociology
The Vietnam Era
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
Electronic Systems
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
Interior Design
Stage Craft 1
Stage Craft 2
Tech: Today & Tomorrow
Career Exploration
Career Internship Prog 1
Career Internship Prog 2
Community Based Instruct.
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
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.

| CLASS OF 2018 - WEIGHTED GRADE EQUIVALENT TABLE | | | |
|--|-------------------------------|---------------|-----------|
| GRADE | CP General Courses | HONORS | AP |
| 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 |

| CLASS OF 2018 6th SEMESTER GRADE INTERVAL TABLE based upon 489 students | | |
|--|----------------------|-------------------|
| GPA | # OF STUDENTS | % OF CLASS |
| 4.25 + | 34 | 7.0% |
| 4.00 – 4.24 | 38 | 7.8% |
| 3.75 – 3.99 | 58 | 11.9% |
| 3.50 – 3.74 | 61 | 12.5% |
| 3.25 – 3.49 | 61 | 12.5% |
| 3.00 – 3.24 | 55 | 11.2% |
| 2.75 – 2.99 | 50 | 10.2% |
| 2.50 – 2.74 | 46 | 9.4% |
| 2.25 – 2.49 | 29 | 5.9% |
| 2.00 – 2.24 | 23 | 4.7% |
| 1.75 – 1.99 | 16 | 3.3% |
| 1.50 – 1.74 | 9 | 1.8% |
| 1.25 – 1.49 | 4 | 0.8% |
| 1.00 – 1.24 | 4 | 0.8% |
| 0.00 – 0.99 | 1 | 0.2% |

2016-2017 STANDARDIZED TESTING INFORMATION

| ADVANCED PLACEMENT SCORES May 2017 | |
|--|-------|
| Number of Students Taking One or More AP Exams: | 646 |
| Total number of AP Exams: | 2,372 |
| % of students scoring a 4 or 5: | 73% |
| % of students scoring a 3 or above: | 90.7% |
| AP Exams Include: | |
| 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 | |

| MEAN SAT SCORES | LIVINGSTON | NEW JERSEY | NATIONAL |
|------------------------------------|-------------------|-------------------|-----------------|
| Evidence Based Reading and Writing | 611 | 539 | 538 |
| Mathematics | 624 | 537 | 533 |

| MEAN ACT SCORES | LIVINGSTON | NEW JERSEY | NATIONAL |
|------------------------|-------------------|-------------------|-----------------|
| Reading | 26.8 | 24.1 | 21.4 |
| English | 26.6 | 23.8 | 20.3 |
| Mathematics | 26.3 | 23.8 | 20.7 |
| Science | 25.5 | 23.2 | 21.0 |

| SUBJECT TEST | MEAN SCORE | SUBJECT TEST | MEAN SCORE |
|---------------------|-------------------|---------------------|-------------------|
| Biology-Molecular | 709 | Math Level 2 | 727 |
| Chemistry | 701 | Physics | 696 |
| English Literature | 608 | U.S. History | 688 |
| Math Level 1 | 646 | | |

2017 COLLEGE and UNIVERSITY MATRICULATION

Albany College of Pharmacy
American University
Arizona State University
Art Center College of Design
Babson College
Bard College
Barnard College
Bentley University
Bergen Community College
Binghamton University
Bloomsburg University of Pennsylvania
Boston University
Brandeis University
Brown University
Carnegie Mellon University
Case Western Reserve University
Centenary College
Clarion University of Pennsylvania
Cleveland State University
Coastal Carolina University
College of Charleston
College of Saint Elizabeth
Columbia University
Community College of Vermont
Concordia University, Montreal
Cornell University
County College of Morris
Drexel University
Elon University
Embry Riddle Aeronautical University,
Daytona Beach
Emory University
Essex County College
Fairleigh Dickinson University
Fashion Institute of Technology
Florida State University
Fordham University
Georgia Institute of Technology
Goucher College
Harvard University
High Point University
Hofstra University
Hokkaido University
Imperial College London
Indiana University at Bloomington
Ithaca College
James Madison University
Kean University

Kyushu University
Lafayette College
Lehigh University
LIM College (Laboratory Institute of
Merchandising)
Lincoln Technical Institute
Lynn University
Marist College
Massachusetts Institute of Technology
McDaniel College
McGill University
MCPSH – Massachusetts College of
Pharmacy & Health Sciences
Miami University, Oxford
Michigan State University
Millersville University of Pennsylvania
Misericordia University
Mitchell College
Monmouth University
Montclair State University
Moravian College
Morgan State University
Mount Holyoke College
Muhlenberg College
New England College
New Jersey Institute of Technology
New York University
Old Dominion University
Pace University
Pennsylvania State University
Princeton University
Purdue University
Quinnipiac University
Ramapo College of New Jersey
Rensselaer Polytechnic Institute
Rochester Institute of Technology
Rollins College
Rowan University
Royal Conservatoire of Scotland
Rutgers University
Sacred Heart University
School of Visual Arts
Seton Hall University
Shippensburg University of Pennsylvania
St. John's University
St. Lawrence University
State University of New York at Albany
Stevens Institute of Technology
Stockton University

Stony Brook University
Syracuse University
Texas A&M University
The College of New Jersey
The College of Saint Rose
The Cooper Union for the Advancement of
Science & Art
The George Washington University
The New School
The Ohio State University
The University of Alabama
The University of Arizona
The University of Oklahoma
The University of Tampa
The University of Texas, Austin
Tufts University
Tulane University
United States Air Force Academy
University at Buffalo The State University
of New York
University of California, Berkeley
University of Chicago
University of Colorado at Boulder
University of Connecticut
University of Delaware
University of Florida
University of Hartford
University of Illinois at Urbana-Champaign
University of Maryland, Baltimore County
University of Maryland, College Park
University of Massachusetts, Amherst
University of Miami
University of Michigan
University of Nevada, Las Vegas
University of New Haven
University of Pennsylvania
University of Pittsburgh
University of Rhode Island
University of Rochester
University of Southern California School of
Cinematic Arts
University of Vermont
University of Washington
University of Wisconsin, Madison
Vanderbilt University
Wake Forest University
Washington University in St. Louis
West Virginia University
William Paterson 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. Sinead Crews

School Counselors

Ms. Alison Abrams
Mr. Adam Berryann
Mr. Nicolas Dillman
Ms. Sarah Joseph
Ms. Amy Kessler

Mrs. Loraine Morgenroth
Mr. Rick Owens
Mrs. Cara Pelchat
Mrs. Tina Renga