

LONGWOOD SENIOR HIGH SCHOOL

100 Longwood Road
Middle Island, New York 11953-2056
Telephone: 631 345-9200
Fax: 631 345-9279
CEEB Code: 331478
www.longwood.k12.ny.us/lhs



Community Unity...Be a Part of the Pride

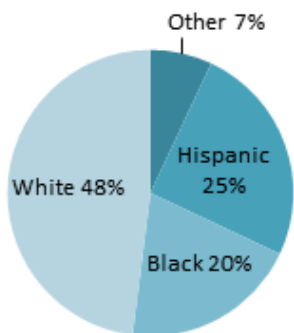
Superintendent of Schools: Michael R. Lonergan, DSW
High School Principal: Scott Schuster

Counseling Staff: Telephone 631 345-9237, 9227; Fax: 631 345-9225
Kristin Garrett, Department Chairperson & Post-Secondary Counselor
kristin.garrett@longwoodcsd.org

Laura Aliperti laura.aliperti@longwoodcsd.org
Tracy Abramowitz tracy.abramowitz@longwoodcsd.org
Keisha Francois keisha.francois@longwoodcsd.org
Joel Gonzalez joel.gonzalez@longwoodcsd.org
David DelFranco david.delfranco@longwoodcsd.org

Sherita Sabbat sherita.sabbat@longwoodcsd.org
James Gordon james.gordon@longwoodcsd.org
Jessica Hawkins jessica.hawkins@longwoodcsd.org
Fran Montanino frances.montanino@longwoodcsd.org
Justin O'Malley justin.omalley@longwoodcsd.org
Susan Schoen susan.schoen@longwoodcsd.org

LONGWOOD 2017-2018 PROFILE



Longwood Central School District encompasses a 53 square-mile area of nine individual communities in central Brookhaven Town, 60 miles east of New York City on Long Island. Each community contributes to the ethnic, cultural, and economic diversity of a growing population of over 65,000 residents who speak thirty-one languages and emigrated from sixty countries. More than 5% of Longwood students are English language learners. Additionally, 50% of our students qualify for free or reduced lunch and achieve academic success in spite of their economic challenges.

LONGWOOD HIGH SCHOOL

Longwood Senior High School is a comprehensive secondary school with an enrollment of 2880 students, and a 260 member faculty. **The Class of 2017** had 610 graduates with a graduation rate of 97%; 28% of these students entered four-year colleges and universities and 45% entered two-year colleges. Diploma types awarded: 90 Regents with Advanced Designation with Honors, 172 Regents with Advanced Designation, 9 Regents with Honors, 274 Regents, 52 Local, 13 SACC., 26 students awarded with the New York State Seal of Biliiteracy.

2017-18 Enrollment

Grade 9: 789
Grade 10: 732
Grade 11: 683
Grade 12: 683

Longwood regularly collaborates with Brookhaven National Laboratory (BNL); teachers attend summer institutes, students assume internship roles, and BNL programs are accessed during the year. Students are involved in partnerships with Long Island colleges, including Stony Brook University's Science Technology Entry Program, Health Occupations Partnership for Excellence, Children's Defense Fund Freedom Schools Program; and Suffolk County Community College's Science Technology Entry and Liberty Partnerships Programs. In addition, Longwood participates in dual enrollment programs with Stony Brook University, SUNY Farmingdale and Suffolk Community college. LHS offers 25 dual enrollment courses. Longwood High school is also partnered with Suffolk Community College Early College Program. Longwood High School's Class of 2017 was awarded in excess of \$15 million in college scholarship and community awards, a reflection of the high value the community places on post-secondary education and the local assistance they provide to support this goal.

Curriculum

Longwood High School offers a rigorous, comprehensive curriculum to ensure college and career readiness for all students. In addition to Regents level courses, Honors, College, and Advanced Placement courses are offered in core curriculum areas, Career & Technical Education, LOTE, and Music. There are no restrictions on the number of Honors or Advanced Placement courses to which a student may subscribe; however, enrollment is subject to meeting certain departmental requirements. In addition to academics, Longwood students have been recognized at regional, state and national levels for excellence in athletics, art, music, technology, leadership and service.

Grade Point Average (GPA)

Students who challenge themselves by taking Honors and Advanced Placement courses receive extra weighting when calculating their GPA. Course grades that are listed on the transcript are un-weighted. Grades are weighted according to course level: Advanced Placement courses receive an additional weighting of .10, and Honors courses receive an additional weighting of .05. **Weighted GPA is used solely for the purpose of class percentile ranking.** If a subject is repeated, only the higher grade is included in the GPA.

TESTING PROFILE—CLASS of 2017

| <u>SAT Reasoning Test</u> | | <u>SAT Subject Tests</u> | <u>Mean Scores</u> |
|---------------------------------------|------|--------------------------|--------------------|
| Mean Evidence Based Reading & Writing | 535 | Literature | 565 |
| Mean Math | 537 | Mathematics 1 | 648 |
| | | Mathematics 2 | 608 |
| | | Biology E | 686 |
| <u>ACT Composite Score</u> | 23 | Biology M | 700 |
| English | 21.6 | Physics | 682 |
| Mathematics | 22.9 | Chemistry | 626 |
| Reading | 23.4 | World History | 653 |
| Science | 23.8 | US History | 585 |

Advanced Placement Testing * Not all AP exams taken are reported

Class of 2017: 68 AP Scholars; 8 AP Scholars with Honor; 14 AP Scholars with Distinction

Longwood High School offers 20 Advanced Placement courses; the current enrollment is:

| | | | |
|---------------------------|----|---------------------|-----|
| AP Biology | 45 | AP Music Theory 2 | 7 |
| AP Calculus AB | 48 | AP Physics 1 | 45 |
| AP Chemistry | 60 | AP Psych | 103 |
| AP Computer Science | 25 | AP Spanish | 32 |
| AP Environmental Science | 45 | AP Statistics | 41 |
| AP European History | 8 | AP U.S. History | 111 |
| AP French Language | 17 | AP World History II | 83 |
| AP Language/Composition | 79 | | |
| AP Literature/Composition | 30 | | |
| AP Macroeconomics | 43 | | |

COURSE CURRICULUM 2017-18 SCHOOL YEAR

ENGLISH

English 9H
English 9R
English 10H
English 10R
English 11R
English 12R
Broadcast Journalism
College Transition
Facing History & Ourselves
Humanities
Journalism

SOCIAL STUDIES

Global History & Geo 9R
Global History & Geo 10R
U.S. History/Govt. 11R
Economics
Public Policy
Anti-Social Behavior
Criminal Justice
Issues in Government H
Long Island PPF
Multi-Cultural Identity
News Literacy
Peers Reaching Out
Facing History & Ourselves

ENL Begin/Enter
ENL Intermediate

FAMILY & CONSUMER

Adolescent Psychology
Child Development and Psychology
Cultural Foods
Food & Nutrition
Gourmet Foods
Independent Living
Intro Food/Textiles
Parenting

LANGUAGE OTHER THAN

ENGLISH

French 1R
French 2R
French 3R
French 4H
French 5H
Italian 1R
Italian 2R
Italian 3R
Italian 4H
Italian 5H
Spanish 1A
Spanish 1R
Spanish 2R
Spanish 3R
Spanish 4R, H
Spanish 5H
Heritage Spanish
Advanced Foreign Language

MATHEMATICS

Intro to Algebra
Algebra
Algebra Plus
Algebra Intensive
Geometry
Geometry H
Intermediate Algebra
Algebra2/Trigonometry
Algebra2/Trigonometry H
Pre-Calculus
Pre-Calculus H
Calculus
Math for the College Bound
Statistics
Intro to Computer Programming:
Visual Basic

SCIENCE

Earth Science
Living Environment
Chemistry-Physical Setting
Physics-Physical Setting
Unified Science
Advanced Science Research
Advanced Zoology
Anatomy & Physiology
Animal & Plant Behavior
Astronomy
Bio Adaptations
Bio Intensive
Geology
Human Ecology
Lab Techniques
Marine Science
Meteorology

PHYSICAL ED

Physical Education /Outdoor
Physical Education Girls/Boys
Physical Education/Individual
Sports
Physical Education/Lifetime
Activities
Physical Education/Net Sports
Physical Education/Team Sports

HEALTH

Health

CAREER & TECHNOLOGY

EDUCATION

Business Courses

Academic Career
Exploration
Business Analysis/Business
Computer Applications
"Virtual Enterprise"
Keyboarding
Business Communications
Career/Exploration/Internship
College Accounting - H
Computer Keyboard App. I
Computer Keyboard App. II
Intro to Microcomputer –
Applications H
Math & Financial Applications
Commercial Law H
Personal & Business Law
Principles of Marketing H
Sports Marketing
Work Experience Program

TECHNOLOGY COURSES

Advanced Auto Service Tech.
Advanced Media Production
Architectural Drawing
Auto Service Technology I
Auto Service Technology II
CISCO IT Essentials
Communication Systems
Computer Aided Design
Graphic Communications
Construction Systems
Design & Drawing Production
Electricity/Electronics
Energy and Power
IT Essentials: PC
Hardware/Software
Repair/Maintenance
Land Transportation
Principles of Engineering
Network Fundamentals I H
Network Fundamentals II H
Production Systems
Transportation Systems

MUSIC

Chorus
Concert
Band Music
Theory I
Orchestra

ART

Advertising Art
Art Workshop
Creative Crafts A
Creative Crafts B
Multi-Cultural Folk Art
Photography I
Photography II
Photography III
Studio Art A
Studio Art B
Studio Drawing & Painting 1
Studio Drawing & Painting 2
Studio Fashion Illustration
Studio Pottery I
Studio Pottery II
Studio Sculpture

ADVANCED PLACEMENT

AP Biology
AP Calculus AB
AP Chemistry
AP Computer Science
AP Environmental Science
AP European History
AP French Language
AP Italian Language & Culture
AP Language & Composition
AP Literature & Composition
AP Macro Economics
AP Music Theory 2
AP Physics B
AP Psychology
AP Spanish Language and Culture
AP Spanish Literature and Culture
AP Statistics
AP U.S. History
AP World History I
AP World History II

COLLEGE CREDIT COURSES

College Reading & Writing
College Accounting
Commercial Law
Intro to Microcomputer Applications H
Network Fundamentals I
Network Fundamentals II
Principles of Marketing
French 4H
Italian 4H
Spanish 4H
AP French Language & Literature
AP Italian Language & Culture
AP Spanish Language & Culture
AP Biology
AP Calculus AB
AP Chemistry
AP Environmental Science
AP European History
AP Macro Economics
AP Music Theory 2
AP Statistics
AP U.S. History
PP: Long Island PPF
Pre-Calculus H
Automotive Service II

KEY: R=Regents Level Courses; H=Honors Level Courses; AP=Advanced Placement

Courses College Level Courses are offered through a college or local university for college credit.

COLLEGE ACCEPTANCES

Listed below are colleges and universities at which Longwood High School graduates from the Class 2017 have been accepted.

| | | |
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| Adelphi University | Fordham University | Ohio University |
| American Academy of Dramatic Arts | Franklin Pierce University | Onondaga Community College |
| American International College | Gannon University | Pace University, New York City |
| American Musical and Dramatic Academy (AMDA) | George Mason University | Pace University, Westchester Campus |
| American University | Goldey-Beacom College | Pennsylvania State University |
| Arcadia University | Gordon College | Pennsylvania State University, Schuylkill |
| Baruch College of the CUNY | Greensboro College | Philadelphia University |
| Belmont Abbey College | Hampton University | Post University |
| Bennington College | Hofstra University | Pratt Institute |
| Bethune-Cookman University | Howard University | Purchase College State University of New York |
| Binghamton University | Hunter College of the CUNY | Queens College of the CUNY |
| Bloomsburg University of Pennsylvania | Iona College | Queensborough Community College of the CUNY |
| Boston College | Ithaca College | Quinnipiac University |
| Boston University | Jacksonville University | Rensselaer Polytechnic Institute |
| Brown University | John Jay College of Criminal Justice of the CUNY | Rochester Institute of Technology |
| Central Connecticut State University | Johnson & Wales University (Providence) | Roger Williams University |
| Champlain College | Kent State University | Rutgers University-New Brunswick |
| Chestnut Hill College | Keuka College | Rutgers University-Newark |
| City College of New York CUNY | Long Island University, Brooklyn | Sacred Heart University |
| Clarkson University | Long Island University, Post | Saint Leo University |
| Coastal Carolina University | Loyola Marymount University | Saint-Petersburg State University |
| Colorado College | Loyola University Maryland | Salisbury University |
| Colorado State University | Manhattan College | School of Visual Arts |
| Cornell University | Manhattanville College | Seton Hall University |
| CUNY-Macaulay Honors College | Massachusetts College of Art and Design | Siena College |
| Daemen College | Medgar Evers College of the CUNY | Southern Connecticut State University |
| Delaware State University | Mercy College | Southern Wesleyan University |
| Drexel University | Mercy College | St. John's University - Manhattan Campus |
| Duquesne University | Middle Georgia State University | St. John's University - Queens Campus |
| East Carolina University | Mitchell College | St. Joseph's College - Brooklyn Campus |
| East Stroudsburg University of Pennsylvania | Mohawk Valley Community College | St. Joseph's College - Long Island Campus |
| Eastern Connecticut State University | Molloy College | St. Lawrence University |
| Eckerd College | Monmouth University | State University of New York at Albany |
| Emerson College | Mount Saint Mary College | State University of New York at New Paltz |
| Emmanuel College | Mount St. Mary's University | Stetson University |
| Evangel University | Nazareth College | Stonehill College |
| Farmingdale State College | New England College | Stony Brook University |
| Fashion Institute of Technology | New York Institute of Technology | Suffolk County Community College, Ammerman |
| Five Towns College | New York Institute of Technology - Manhattan | Suffolk County Community College, Eastern Campus |
| Flagler College | New York University | Suffolk University |
| Florida Atlantic University | North Carolina A&T State University | Sullivan County Community College |
| Florida Southern College | Northeastern University | SUNY Alfred State College |
| Florida State University | Northpoint Bible College | SUNY Buffalo State College |

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|--------------------------------------|--|--|
| SUNY College at Brockport | The College of Saint Rose | University of Maryland, College Park |
| SUNY College at Cobleskill | The George Washington University | University of Massachusetts, Amherst |
| SUNY College at Cortland | The Ohio State University | University of Massachusetts, Boston |
| SUNY College at Geneseo | The University of Alabama | University of Massachusetts, Lowell |
| SUNY College at Old Westbury | The University of Arizona | University of New Haven |
| SUNY College at Oneonta | The University of Tampa | University of North Carolina at Greensboro |
| SUNY College at Potsdam | Towson University | University of North Carolina at Wilmington |
| SUNY College of Technology at Canton | University at Buffalo SUNY | University of North Florida |
| SUNY Delhi | University of Bridgeport | University of Rhode Island |
| SUNY Fredonia | University of Central Florida | University of San Francisco |
| SUNY Maritime College | University of Colorado at Boulder | Utica College |
| SUNY Morrisville State College | University of Colorado Colorado Springs | Virginia Wesleyan University |
| SUNY Oswego | University of Connecticut | Wagner College |
| SUNY Plattsburgh | University of Dayton | Wells College |
| SUNY Polytechnic Institute | University of Delaware | West Virginia University |
| Susquehanna University | University of Denver | Western Connecticut State University |
| Syracuse University | University of Florida | Westminster College |
| Temple University | University of Hartford | York College of Pennsylvania |
| The College of New Jersey | University of Maryland, Baltimore County | |