LONGWOOD SENIOR HIGH SCHOOL
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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

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High School Principal: Scott Schuster

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LONGWOOD 2018-2019 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 2944 students, and a 260 member faculty. The Class of 2018 had 623 graduates with a graduation rate of 97%; 26% of these students entered four-year colleges and universities and 42% entered two-year colleges. Diploma types awarded: 71 Regents with Advanced Designation with Honors, 132 Regents with Advanced Designation, 3 Regents with Honors, 278-Regents, 64 Local, 11 SACC, 44 students awarded with the New York State Seal of Biliteracy.

2018-19 Enrollment

<table>
<thead>
<tr>
<th>Grade</th>
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<tbody>
<tr>
<td>Grade 9</td>
<td>768</td>
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<td>Grade 10</td>
<td>781</td>
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<td>Grade 11</td>
<td>679</td>
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<td>Grade 12</td>
<td>716</td>
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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. Logwood High school is also partnered with Suffolk Community College’s Early College Program. Longwood High School’s Class of 2018 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 2018

<table>
<thead>
<tr>
<th>SAT Reasoning Test</th>
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<tr>
<td>Mean Evidence Based Reading &amp; Writing</td>
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<td>Mean Math</td>
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<table>
<thead>
<tr>
<th>ACT Composite Score</th>
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<tr>
<td>English</td>
<td>20.7</td>
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<tr>
<td>Mathematics</td>
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<td>Reading</td>
<td>22.3</td>
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<tr>
<td>Science</td>
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Advanced Placement Testing * Not all AP exams taken are reported
Class of 2018: 70 AP Scholars; 9 AP Scholars with Honor; 19 AP Scholars with Distinction
Longwood High School offers 20 Advanced Placement courses; the current enrollment is:

| AP Biology | 81 | AP Music Theory 2 | 5 |
| AP Calculus AB | 35 | AP Physics I | 54 |
| AP Chemistry | 87 | AP Psych | 73 |
| AP Computer Science | 26 | AP Spanish | 29 |
| AP Environmental Science | 31 | AP Statistics | 32 |
| AP French Language | 19 | AP U.S. History | 122 |
| AP Language/Composition | 82 | AP World History I | 131 |
| AP Literature/Composition | 50 | AP World History II | 100 |
| AP Macroeconomics | 51 |   |
## COURSE CURRICULUM 2018-19 SCHOOL YEAR

### ENGLISH
- English 9R
- 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/Texiltes
- 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
- Topics of Math
- Algebra
- Algebra Intensive
- Integrated/Geometry
- 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

### MUSIC
- Chorus
- Concert
- Band Music
- Theory I
- Orchestra

### 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

### 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
- Pre-Calculus H
- Automotive Service II

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**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 2018 have been accepted.

<table>
<thead>
<tr>
<th>College Name</th>
<th>College Name</th>
<th>College Name</th>
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</thead>
<tbody>
<tr>
<td>Adelphi University</td>
<td>Lake Forest College</td>
<td>Suffolk University</td>
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<tr>
<td>Albany College of Pharmacy and Health Sciences</td>
<td>Lasell College</td>
<td>SUNY Albany</td>
</tr>
<tr>
<td>Albright College</td>
<td>Le Moyne College</td>
<td>SUNY Alfred State College</td>
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<td>Alfred University</td>
<td>Lehman College of the CUNY</td>
<td>SUNY Broome Community College</td>
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<td>Alvernia University</td>
<td>Liberty University</td>
<td>SUNY Buffalo State College</td>
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<td>AMDA College and Conservatory of the Performing Arts</td>
<td>Lincoln University</td>
<td>SUNY College at Brockport</td>
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<td>Long Island University, Post</td>
<td>SUNY College at Cortland</td>
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<td>Louisiana State University</td>
<td>SUNY College at Geneseo</td>
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<td>Marist College</td>
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<td>Marymount Manhattan College</td>
<td>SUNY College of Technology at Canton</td>
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<td>MCPHS - Massachusetts College of Pharmacy &amp; Health Sciences</td>
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<td>Mercy College - All Campuses</td>
<td>SUNY Fredonia</td>
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