

LONGWOOD SENIOR HIGH SCHOOL

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Community Unity...Be a Part of the Pride

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High School Principal: Scott Schuster

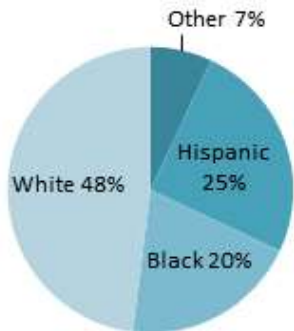
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LONGWOOD 2018-2019 PROFILE



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 Bilingualism.

2018-19 Enrollment

Grade 9: 768
Grade 10: 781
Grade 11: 679
Grade 12: 716

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'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

SAT Reasoning Test

Mean Evidence Based Reading & Writing	530
Mean Math	540

ACT Composite Score

English	20.7
Mathematics	22.8
Reading	22.3
Science	22.6

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 1	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 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

Topics of Math
Algebra
Algebra Intensive
Integrated Geometry
Geometry
Geometry H
Intermediate Algebra
Algebra 2/Trigonometry
Algebra 2/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
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 2018 have been accepted.

Adelphi University	Lake Forest College	Suffolk University
Albany College of Pharmacy and Health Sciences	Lasell College	SUNY Albany
Albright College	Le Moyne College	SUNY Alfred State College
Alfred University	Lehman College of the CUNY	SUNY Broome Community College
Alvernia University	Liberty University	SUNY Buffalo State College
AMDA College and Conservatory of the Performing Arts	Lincoln University	SUNY College at Brockport
Barry University	Long Island University, Post	SUNY College at Cortland
Baruch College of the CUNY	Louisiana State University	SUNY College at Geneseo
Becker College	Manhattan College	SUNY College at Old Westbury
Bentley University	Manhattanville College	SUNY College at Oneonta
Binghamton University	Marist College	SUNY College at Potsdam
Boston College	Marymount Manhattan College	SUNY College of Environmental Science and Forestry
Boston University	MCPHS - Massachusetts College of Pharmacy & Health Sciences	SUNY College of Technology at Canton
Bowie State University	Medgar Evers College of the CUNY	SUNY Delhi
Bronx Community College of the CUNY	Mercy College - All Campuses	SUNY Fredonia
Brooklyn College of the CUNY	Misericordia University	SUNY Morrisville State College
Brown University	Molloy College	SUNY Oswego
Carnegie Mellon University	Monmouth University	SUNY Plattsburgh
Cazenovia College	Monroe Community College	SUNY Polytechnic Institute
City College of New York CUNY	Morgan State University	Syracuse University
Clarkson University	Mount Saint Mary College	Temple University
Clemson University	Mount St. Mary's University	The Catholic University of America
Coastal Carolina University	Nassau Community College	The College of Saint Rose
College of Mount Saint Vincent	Nazareth College	The George Washington University
CUNY-Macaulay Honors College	New England College	The University of Alabama
Dean College	New Jersey City University	The University of Arizona
Delaware State University	New York Institute of Technology	The University of Tampa
Drexel University	New York Institute of Technology "Atlantic" Manhattan Campus	The University of the Arts
East Stroudsburg University of Pennsylvania	New York School of Career & Applied Studies of Touro College & University System	Tompkins Cortland Community College
Fairfield University	New York University	University at Buffalo SUNY
Fairleigh Dickinson University - Florham Campus	Northeastern University	University of Alaska Anchorage
Farmingdale State College	Nova Southeastern University	University of Bridgeport
Fashion Institute of Technology	Pace University, New York City	University of Central Florida
Five Towns College	Pace University, Westchester Campus	University of Connecticut
Florida A&M University	Pennsylvania State University	University of Florida
Florida Atlantic University	Plymouth State University	University of Hartford
Florida State University	Purchase College, SUNY	University of Kentucky
Fordham University	Queens College of the CUNY	University of Maine
Franklin Pierce University	Quinnipiac University	University of Massachusetts, Amherst
Full Sail University	Rensselaer Polytechnic Institute	University of Massachusetts, Boston
Furman University	Roanoke College	University of Miami
George Mason University	Rutgers University-New Brunswick	University of New Haven
Georgia State University	Sacred Heart University	University of Notre Dame
Gordon College	Saint John's University (NY)	University of Pittsburgh
Harding University	Siena College	University of Rochester
Hartwick College	Southern Connecticut State University	University of Tennessee, Knoxville
Hofstra University	Southern New Hampshire University	University of the Sciences in Philadelphia
Hunter College of the CUNY	St. Joseph's College - Brooklyn Campus	University of Toledo
Indiana University at Bloomington	St. Joseph's College - Long Island Campus	University of Utah
Iona College	St. Lawrence University	Utica College
Ithaca College	St. Thomas Aquinas College	Vaughn College of Aeronautics and Technology
John Jay College of Criminal Justice of the CUNY	State University of New York at New Paltz	Virginia Commonwealth University
Johns Hopkins University	Stetson University	Virginia Tech
Johnson & Wales University (Providence)	Stevenson University	Washington College
Kansas City Art Institute	Stony Brook University	Webber International University
Kean University	Suffolk County Community College, Ammerman	Wentworth Institute of Technology
Keiser University - *Flagship Campus, FL	Suffolk County Community College, Eastern Campus	West Virginia University
Keuka College		Western Connecticut State University
		Western New England University
		Wofford College
		York College of the CUNY