

LONGWOOD SENIOR HIGH SCHOOL

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Community Unity...Be a Part of the Pride

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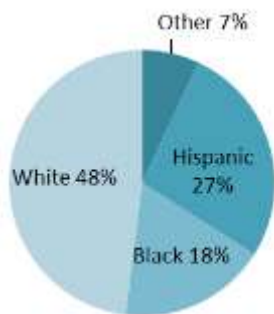
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LONGWOOD 2020-2021 PROFILE

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.



LONGWOOD HIGH SCHOOL

Longwood Senior High School is a comprehensive secondary school with an enrollment of 3026 students, and a 260 member faculty. **The Class of 2020** had 670 graduates with a graduation rate of 97%; 33% of these students entered four-year colleges and universities and 36% entered two-year colleges. Diploma types awarded: 23 Regents with Advanced Designation with Honors, 276 Regents with Advanced Designation, 10 Regents with Honors, 354 Regents, 2 Local, 5 SACC, 57 students awarded with the New York State Seal of Biliteracy.

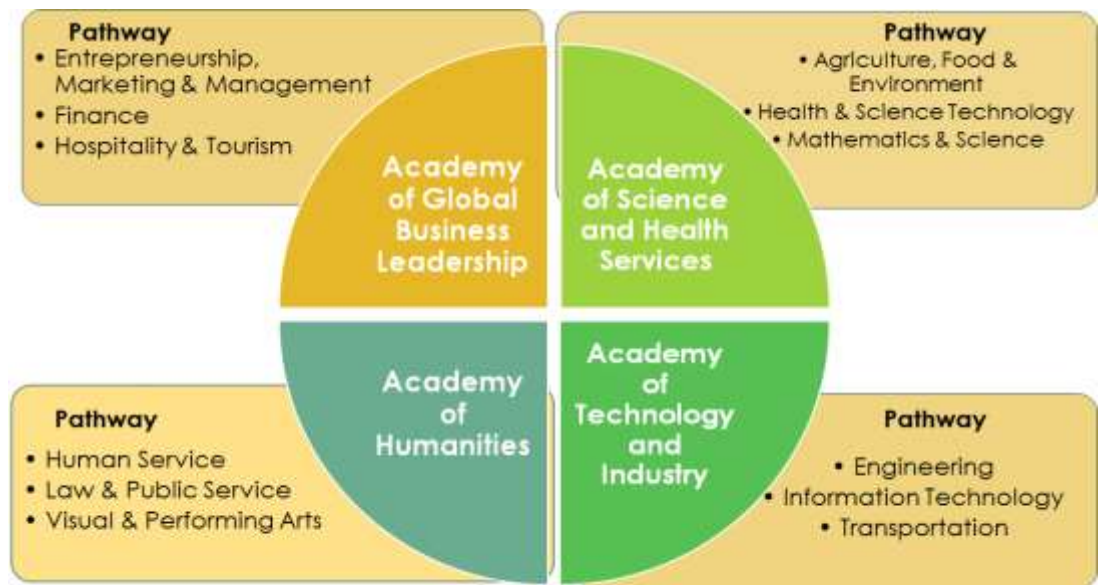
2020-21 Enrollment

Grade 9: 791
Grade 10: 742
Grade 11: 698
Grade 12: 795

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 2020 was awarded in excess of \$9 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. **The Academies of Longwood High School** began with the Class of 2020. The Academies of Longwood High School empowers students to be the authors, navigators, and implementers of their personal college and career plan. Students choose a career pathway within one of four academies.



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.

TEST PROFILE - CLASS OF 2020

SAT Reasoning Test

Mean Evidence Based Reading & Writing	548
Mean Math	543

ACT Composite Score

English	23.5
	22.2
Mathematics	23.4
Reading	24.5
Science	24.1

Advanced Placement Testing * Not all AP exams taken are reported

**Class of 2020: 36 AP Scholars; 11 AP Scholars with Honor; 9 AP Scholars with Distinction
2 AP National Scholars**

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 2020-21 SCHOOL YEAR

ENGLISH

English 9H
English 9R
English
10H
English10R
English11R
English12R
Broadcast Journalism
College Transition
Facing History &
Ourselves Humanities
Journalism
ENL Entering/Emerging
ENL Transitioning

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
Sports in American History

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
Algebra2/Trigonometry
Algebra2/Trigonometry H
Pre-Calculus
Pre-Calculus H
Calculus
Math for the College Bound
Statistics

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
Media Arts
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 Computer Science Principles
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 2020 have been accepted.

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