

WEST ISLIP PUBLIC SCHOOLS HIGH SCHOOL PROFILE – CLASS OF 2016

West Islip High School

One Lion's Path
West Islip, NY 11795

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CEEB CODE: 335900

High School Administration

Dr. Anthony Bridgeman, Principal
Lisa Martinolich, Assistant Principal
Lynn M. Summers, Assistant Principal

Counseling Department

Amanda Eichen
Michelle Falco
Evelyn Hanlon

Wendy Loddigs, Lead Counselor
Virginia Mullins
Paulina Zarokostas

School: West Islip High School is a four-year secondary school (grades 9-12). In addition to the high school, the district encompasses two middle schools (grades 6-8) and four elementary schools (grades K-5). The student population in West Islip High School is 1502.

Accreditation: West Islip High School is fully accredited by the New York State Department of Education.

The Community: West Islip is a suburban, middle income community on the south shore of Long Island, about 40 miles from Manhattan with a population of approximately 28,335.

COLLEGE BOARD ADMISSIONS
CLASS OF 2016

	<u>Mean</u>	<u># of Students</u>
SAT Critical Reading	503	306
SAT Mathematics	519	306
SAT Writing	481	306

ACT RESULTS 2016

Students tested - 239

Average Scores:

English	– 22.2
Math	– 22.7
Reading	– 23.5
Science	– 23.4
Composite	– 23.1

INTERNATIONAL BACCALAUREATE
CLASS OF 2016

Diplomas – 4
Certificates – 127

POST HIGH SCHOOL RECORD

CLASS OF 2016 – 378 Students

	<u>Student</u>	<u>Percent</u>
Students Attending:		
Four-Year Colleges	249	66%
Two-Year Colleges	89	24%
Other Schools	10	
Armed Forces	9	10%
Employment	15	
Other	6	
TOTALS	378	100%

ADVANCED PLACEMENT PROGRAM
CLASS OF 2016

<u>SUBJECT</u>	<u># OF STUDENTS</u>
<i>Biology</i>	23
<i>Math: Calculus AB</i>	18
<i>Calculus BC</i>	18
<i>Chemistry</i>	29
<i>Economics-Macro</i>	18
<i>Micro</i>	18
<i>English Language</i>	13
<i>English Literature</i>	71
<i>Environmental Science</i>	57
<i>History: European</i>	78
<i>U.S. Government</i>	1
<i>Music Theory</i>	31
<i>Physics 1</i>	27
<i>Physics 2</i>	4
<i>Psychology</i>	1
<i>Spanish Language</i>	11
<i>Statistics</i>	28
<i>Studio in Art</i>	27

Scholars – 43

Scholars w/Honor - 8

Scholars w/Distinction – 17

GRADUATION REQUIREMENTS

The New York State Education Department requires students to obtain 22 credits in order to graduate:

<u>SUBJECT AREA</u>	<u>UNITS</u>
<i>English</i>	4
<i>Social Studies</i>	4
<i>Science</i>	3
<i>Mathematics</i>	3
<i>Health Education</i>	.5
<i>Art and/or Music</i>	1
<i>Sequence Requirement</i>	4.5
<i>and/or electives</i>	
<i>Physical Education</i>	2

COMMUNITY SERVICE

All students must complete 100 hours of community service over four years in order to be eligible for Century Club status.

CLASS RANKING POLICY

Class rank is calculated at the end of the junior year for all students and is based upon the required core courses in English, social studies, math, science and world languages. All additional honors and advanced placement courses from the above listed areas are also counted. Courses are weighted according to their level of difficulty. The weighting factors are as follows: Advanced Placement and college level: weight 1.15, honors: weight 1.05, all other courses: weight 1.0.

NUMERICAL AND GRADE POINT
AVERAGE EQUIVALENT

<u>Letter Grade</u>	<u>Numerical Equivalent</u>	<u>Grade Point Equivalent</u>
A+	95-100	4.0
A	90-94	3.9
B+	85-89	3.5
B	80-84	3.0
C+	75-79	2.5
C	70-74	2.0
D	65-69	1.5

CURRICULUM HIGHLIGHTS

The curriculum at West Islip High School includes all academic areas, as well as art, business, music and technology. Beginning in Grade 7, a sequential honors program is offered in English, social studies, mathematics, science and world languages. Advanced Placement courses are offered in English Language and Composition, English Literature and Composition, US History, European History, Macroeconomics, Microeconomics, US Government and Politics, Calculus AB, Statistics, Biology, Chemistry, Physics B and Physics C, Environmental Studies, Studio in Art, as well as Italian Language and Culture and Spanish Language and Culture. College courses in business, social studies and world languages are offered by arrangement with Adelphi University, SUNY Farmingdale State College, Long Island University and Syracuse University. The high school also offers the International Baccalaureate (IB) Diploma Program. It is a rigorous, demanding course of studies which offers 11th and 12th grade students the opportunity to earn the IB Diploma. The Program is offered in over 2000 public and private schools located in 125 countries around the world. All courses are taught at the university level and the program is widely recognized for preparing students well for success in college and beyond.

EXPLANATION OF COURSE CODES

FOREIGN LANGUAGE

SPANISH H, ITALIAN H - Designates a six-year honors sequence available to selected students beginning in grade 7 and continuing through the AP or IB level in grade 12. Students ordinarily take the FLACS Exam at the conclusion of grade 10.

SPANISH R - Designates a six-year college preparatory sequence beginning in grade 7. Students ordinarily take the FLACS Exam at the conclusion of grade 10 **OR** a Regents Examination preparatory sequence beginning in grade 9.

ITALIAN R - Designates a five-year college preparatory sequence beginning in grade 7. Students ordinarily take the FLACS Exam at the conclusion of grade 10 **OR** a Regents preparatory sequence beginning in grade 9.

AMERICAN SIGN LANGUAGE R / H - Designates a five-year college preparatory sequence beginning in 7th grade. Students ordinarily take the Checkpoint B Exam at the end of 10th grade.

MATHEMATICS

H - Designates the honors program which begins in 7th grade and continues through AP Calculus in 12th grade. This program is available to students who meet and maintain the honors criteria established by District policy. Topics presented will meet requirements of the Common Core curriculum enhanced by a more in-depth study of key ideas, providing a sense of strength and depth of mathematics disciplines.

ALGEBRA I - Designate Regents level, college preparatory course. Students will prepare to take the Regents exam at the end of the course. Topics to be studied: Functions (linear, piecewise, quadratic, absolute value, exponential), equations, inequalities, exponential relationships, systems, polynomial operations, quadratic equations, modeling, and inverse relationships. Students will prepare to take the Regents exam at the end of the course.

GEOMETRY - Designate Regents level, college preparatory course. Topics to be studied: Transformations and congruence, lines, angles, triangles, quadrilaterals, circles, coordinate proof, similarity, trigonometry, measurement and modeling in 2- and 3-dimensional figures, and probability. Students will prepare to take the Regents exam at the end of the course.

ALGEBRA II - Designate Regents level, college preparatory course. Topics to be studied: Functions (polynomial, rational, radical, trigonometric), probability, statistics, expressions, equations. Students will prepare to take the Regents exam at the end of the course.

MATH STUDIES (IB MATH STUDIES) Topics to be studied: number system, statistics, gradient and equation of lines, trigonometry, mathematical models, introduction to differential calculus, sequences, sets and probability, logic, matrices, systems of equations, and conic sections. This course is designed to help students develop the mathematics skills and foundations needed to pursue topics in Advanced Placement Calculus.

PRE-CALCULUS R - Topics to be studied: Polynomial functions, logarithmic theory, and techniques of factoring. This course is designed to help students develop the mathematics skills and foundations needed to pursue topics in Advanced Placement Calculus.

SCIENCE

H - Designates honors-level, college preparatory courses which are available to students who meet honors-level criteria. Courses follow the New York State Core Curricula. Students are required to take the New York State Regents examination.

R - Designates Regents-level, college preparatory courses. Courses follow the New York State Core Curricula. Students are required to take the New York State Regents examination.

ELECTIVES - Locally-developed, science laboratory courses which enhance student understanding of scientific concepts.

COLLEGE ACCEPTANCES
CLASS OF 2016

Adelphi University
Albertus Magnus College
Arizona State University
Belmont Abbey College
Berklee College of Music
Boston University
Bradley University
Bridgewater State University
Bryant University
Bucknell University
Coastal Carolina University
CUNY –John Jay College
Queens College
Drexel University
Emerson College
Five Towns College
Florida Institute of Technology
Fordham University
Gallaudet University
Georgetown University
Georgia State University
Herkimer County Community College
Hofstra University
Iona College
Ithaca College
Jacksonville University
James Madison University
Johnson & Wales University
Kean University
Liberty University
Limestone College
Lincoln Technical Institute
LIU - Post
Make-up Designory
Manhattan College
Marist College
Maryland Institute College of Art
Marymount Manhattan
Marywood University
Merchant Marine Academy
Mercy College
Merrimack College

Molloy College
Monmouth University
Mount Saint Mary College
Nassau County Community College
New York Institute of Technology
New York University
Northeastern University
Nova Southeastern University
Pace University
Pennsylvania State University
Pratt Institute
Quinnipiac University
Ringling College of Art & Design
Rochester Institute of Technology
Roger Williams University
Rowan-Cabarrus Community College
Sacred Heart University
Salve Regina University
Santa Barbara City College
Smith College
Springfield College
St. John's University
St. Joseph's College
Steven's Institute of Technology
Stevenson University
Suffolk County Community College
SUNY at:
Albany
Alfred
Binghamton
Brookport
Buffalo State
Buffalo University
Cortland
ESF
Farmingdale
Fashion Institute of Technology
Fredonia
Geneseo
New Paltz
Oneonta
Oswego
Plattsburgh

Potsdam – Crane School of Music
Purchase
Stony Brook
Syracuse University
Temple University
The College of Saint Rose
United States Air Force
United States Armed Forces
United States Army
United States Coast Guard
United States Marines
United States Navy
University of Alabama
University of Bridgeport
University of Central Florida
University of Delaware
University of Hartford
University of Maryland
University of Massachusetts-Amherst
University of Miami
University of Mississippi (Ole Miss)
University of Mount Olive
University of New Haven
University of New Mexico
University of Rhode Island
University of Tampa
University of Vermont
Utica College
Valdosta State University
Widener University

WEST ISLIP BOARD OF EDUCATION

Steve Gellar, President
Annmarie LaRosa, Vice President

Scott Brady
Ronald Maginniss
Kevin O'Connor

Robert Ulrich
Michael Zotto

WEST ISLIP SCHOOL DISTRICT ADMINISTRATORS

Bernadette M. Burns, Superintendent of Schools
Dr. Anne Rullan, Assistant Superintendent for Curriculum & Instruction
Wendy Duffy, Assistant Superintendent for Business