

# WEST ISLIP PUBLIC SCHOOLS HIGH SCHOOL PROFILE – CLASS OF 2017

## *West Islip High School*

One Lion's Path  
West Islip, NY 11795

(631) 504-5830/5831  
FAX (631) 893-3289

**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 1433.

**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 27,224.

**COLLEGE BOARD ADMISSIONS****CLASS OF 2017**

	<u>Mean</u>	<u># of Students</u>
SAT Evidence Base Reading and Writing	555	314
SAT Mathematics	553	314

**ACT RESULTS 2017**

Students tested - 222

Average Scores:

English	– 22.2
Math	– 23.1
Reading	– 23.6
Science	– 23.2
Composite	– 23.2

**INTERNATIONAL BACCALAUREATE****CLASS OF 2017**Diplomas – 16  
Certificates – 208**POST HIGH SCHOOL RECORD****CLASS OF 2017 – 381 Students**

	<u>Student</u>	<u>Percent</u>
Students Attending:		
Four-Year Colleges	254	67%
Two-Year Colleges	94	25%
Other Schools	5	
Armed Forces	10	8%
Employment	16	
Other	3	
<b>TOTALS</b>	<b>381</b>	<b>100%</b>

**ADVANCED PLACEMENT PROGRAM****CLASS OF 2017**

<u>SUBJECT</u>	<u># OF STUDENTS</u>
Biology	31
Math: Calculus AB	38
Calculus BC	3
Chemistry	29
Computer Science	1
Economics-Macro	10
Micro	7
English Language & Comp.	
English Literature	74
History: European	87
U.S. Government	1
Music Theory	21
Physics 1	22
Physics 2	2
Psychology	1
Spanish Language	14
Italian	5
Statistics	
Studio in Art	29

Scholars – 30

Scholars w/Honor - 12

Scholars w/Distinction – 5

**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>
English	4
Social Studies	4
Science	3
Mathematics	3
Health Education	.5
Art and/or Music	1
Sequence Requirement and/or electives	4.5
Physical Education	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 11<sup>th</sup> and 12<sup>th</sup> 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 7<sup>th</sup> grade. Students ordinarily take the Checkpoint B Exam at the end of 10<sup>th</sup> grade.

### **MATHEMATICS**

**H** - Designates the honors program which begins in 7<sup>th</sup> grade and continues through AP Calculus in 12<sup>th</sup> 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. 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 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 2017**

Adelphi University  
Berklee College of Music  
Boston College  
Brevard College  
Bryant University  
California Northstate University  
Champlain College  
Christine Valmy Make-up  
Concordia - Montreal  
CUNY - Baruch  
    Hunter College  
    John Jay College  
    Queens College  
DeSales University  
Drexel University  
East Stroudsburg University  
Electrical Training Center  
Emerson College  
Emory University  
Endicott College  
Fairfield University  
Fairleigh Dickenson University  
Felician College  
Five Towns College  
Florida Institute of Technology  
Fordham University  
George Mason University  
George Washington University  
Georgia Institute of Technology  
Gettysburg College  
Hofstra University  
Iona College  
Ithaca College  
Keene State College  
Kent State University  
Liberty University  
LIM College  
Limestone College  
LIU – Post  
Loyola University  
Manhattan College  
Mercy College  
Molloy College

Mount Saint Mary College  
Nassau County Community College  
New York Institute of Technology  
Pace University  
Pennsylvania State University  
Purdue University  
Quinnipiac University  
Rensselaer Polytechnic Institute  
Rochester Institute of Technology  
Sacred Heart University  
Saint Peter's University  
Savannah College of Art  
Smith College  
South Piedmont CC  
Southern Connecticut State University  
St. John's University  
St. Joseph's College  
St. Thomas Aquinas  
Stockton University  
Stonehill College  
Suffolk County Community College  
SUNY at:  
    Albany  
    Binghamton  
    Brockport  
    Broome  
    Buffalo University  
    Canton  
    Cortland  
    ESF  
    Farmingdale  
    Fashion Institute of Technology  
    Fredonia  
    Geneseo  
    Maritime  
    New Paltz  
    Old Westbury  
    Oneonta  
    Oswego  
    Plattsburgh  
    Potsdam  
    Purchase  
    Stonybrook

Temple University  
Thompkins Cortland CC  
The College of Saint Rose  
United States Air Force  
United States Army  
United States Coast Guard  
United States Marines  
United States Navy  
United States Naval Academy  
Union College  
University of Connecticut  
University of Hartford  
University of New Haven  
University of N. Carolina - Wilmington  
University of Oklahoma  
University of Rhode Island  
University of Tampa  
Utica College  
Villanova University  
Wagner College  
Western Connecticut State University  
Western New England  
Yale 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***