



# Northern Highlands Regional High School

## Class of 2019 Profile

298 Hillside Avenue, Allendale, New Jersey 07401  
 Telephone: 201-327-8700 FAX: 201-236-9543  
 www.northernhighlands.org; CEEB Code: 310-001



### ADMINISTRATION

Scot Beckerman, Ed.D, Superintendent  
 Joseph J. Occhino, Principal  
 Michael T. Koth, Assistant Principal  
 Robert E. Williams, Director of Athletics/ Student Activities

### ACADEMIC PREPARATION OF FACULTY

B.A.	19
M.A.	53
M.A. plus 30	37
M.A. plus 60	32
Ph.D./Psy.D/Ed.D./J.D.	4

### THE COMMUNITIES

The suburban towns of Allendale, Upper Saddle River, Ho-Ho-Kus and Saddle River are located 20 miles from New York City. Residents are employed primarily in executive, professional, and managerial positions. Northern Highlands is the hub of activity for our students; it serves as both an academic and social community.

### THE HIGH SCHOOL

Northern Highlands Regional High School is a four-year comprehensive public high school that addresses the needs of all of its students and has as its chief emphasis preparation for education beyond high school. Current school population is 1376 with 323 students enrolled in the 12th grade.

### ACCREDITATION

New Jersey State Department of Education

### SCHOOL COUNSELOR DEPARTMENT:

Kelly A. Peterfriend, Supervisor  
 Maggie Ely, Counselor ext. 593 Jennifer Kuo, Counselor ext. 584 Ann Karpinecz, Adm. Asst. ext. 509  
 Jennifer Ferentz, Counselor ext. 569 Michael Stone, Counselor ext. 588 Linda Roberto, Secretary ext. 556  
 Stephen Jochum, Counselor ext. 591 Denise Talotta, Counselor ext. 596 Lori Geimke, Secretary ext. 519  
 Jason Grabelsky, Student Assistance Counselor ext. 597

### GPA DISTRIBUTION - Northern Highlands does not rank.

GPA is cumulative and comprises final grades from all courses, including Physical Education/Health (courses designated Pass/Fail are not included). Northern Highlands uses a differential weighting system. Courses labeled Honors receive an additional .5 of a quality point, and Advanced Placement, 1 additional point. These weights are used solely for the purpose of computing a Grade Point Average (GPA). A 7th semester GPA is forwarded to colleges on the mid-year report.

P = Pass F = Fail FW = Fail

### POST-SECONDARY EDUCATION FOR CLASS OF 2018

(Members in Class – 337)

	(Number)	Percentage)
4 year colleges	318	94.4%
2 year colleges	12	3.6%
Other	2	0.6%
Totals	332	98.6%

(Of 337 graduates, 332 are attending college.)

GPA QUALITY POINTS				
COURSE LEVEL				
Grades	Reg.	Hon.	AP	
97 – 100	A+	4.3	4.8	5.3
93 – 96	A	4.0	4.5	5.0
90 - 92	A-	3.7	4.2	4.7
87 – 89	B+	3.3	3.8	4.3
83 – 86	B	3.0	3.5	4.0
80 – 82	B-	2.7	3.2	3.7
77 – 79	C+	2.3	2.8	3.3
73 – 76	C	2.0	2.5	3.0
70 – 72	C-	1.7	2.2	2.7
67 – 69	D+	1.3	1.8	2.3
63 – 66	D	1.0	1.5	2.0
60 – 62	D-	0.7	1.2	1.7
59/below	F	0	0	0

# CURRICULUM

Northern Highlands has a four-day rotating schedule. Students are scheduled for eight courses, six of which meet daily. This schedule provides longer segments of time (57 minute periods) to engage in higher-order thinking and performance-based learning. Our program of study is designed to serve the interests and needs of all students. To receive a Northern Highlands Regional High School diploma, the class of 2019 must earn a minimum of 125 credits including: four years of English; one year of World History/Cultures; two years of United States History; three years of Mathematics; three years of Science; two years of World Languages; one year of Career Education & Consumer, Family, Life Skills; one year of Visual and Performing Arts (VPA); and one year of Physical Education and/or Health for each year a student is in attendance at Northern Highlands.

**PLEASE NOTE:** Beginning with the 2016-2017 school year, the CP designation has been removed from all course titles.

**Elective offerings for the class of 2019 include but are not limited to:**

Visual and Performing Arts: All art and music classes, along with Intro to Theater & Acting and Actors Workshop I, II, & III.

Career Education and Consumer, Family, and Life Skills: Business Education, Computers, Applied Technology, and Family and Consumer Sciences classes. Other individual classes include: Creative Writing I, II, and III, Journalism, Film Studies, TV Production, Broadcast TV, Video Storytelling, and Advanced Film Production I.

Presently, there are 41 Honors courses and 22 Advanced Placement courses listed below as well as Economics, Art History, Studio Art, Photography and Computer Programming. Freshmen and Sophomores who meet the appropriate prerequisite may take one AP class; seniors and juniors may take 1-5 classes each year. Students also have the opportunity to take a Syracuse University course in either Hon Forensic Science, Hon Spanish V and English. Other Dual Enrollment courses are also offered through Rutgers University (Hon Dynamics of Health Care), Fairleigh Dickinson University (Hon Tomorrow's Teacher), Bergen Community College (Computer Aided Drawing I, Hon & CP US History II) and Seton Hall University (Multi-Variable Calculus).

## ACADEMIC COURSE OFFERINGS

### ENGLISH

COURSES	HONORS	AP
English 9	Hon American Literature (Grade 10 only)	AP English Literature
American Literature (10 <sup>th</sup> Grade only)	Hon Modern Fiction/Non-Fiction	AP English Language
Literature/Individual Literature/Society	Hon British Literature	
Modern Fiction/Non- Fiction	Hon Humanities	
Senior English Seminar (Grade 12 only)		

### WORLD LANGUAGES

Students have the opportunity to study languages on several levels. French, Spanish, Italian, and Chinese are offered for those students with no previous World Languages background. Students who begin high school with courses labeled either II or III have already had a minimum of two years in that language.

COURSES	HONORS/AP
Exploring Languages & Cultures	Hon Chinese II, III, IV
Chinese I	Hon French III, IV
French I, II, III, IV, V	AP French
French IIIH	Hon Spanish III, IV
Spanish I, II, III, IV, V	Hon Spanish V*
Spanish IIIH	AP Spanish
Italian I, II, III, IV	Hon Italian III, IV, V
Italian IIA	
<i>*Syracuse University's Project Advance Course</i>	

### SOCIAL STUDIES

COURSES	HONORS	AP
World History U.S. History I, II	Hon U.S. History I, II	AP U.S. History AP European History AP U.S. Gov't/Politics AP World History AP Psychology AP Human Geography

### SCIENCES

Students take lab-science classes on three different levels and follow a Physics/Chemistry/Biology sequence.

COLLEGE PREP	HONORS/AP
Physics	Hon Physics
Chemistry	Hon Chemistry
Biology	Hon Biology
Physics/Lab	AP Physics 1
Chemistry/Lab	AP Physics C
Biology/Lab	AP Chemistry
	AP Biology
	AP Environmental Science
<i>*Syracuse University's Project Advance Course</i>	

### MATHEMATICS

COURSES	HONORS/AP
Concepts of Algebra	Hon Algebra II/Trigonometry
Concepts of Geometry	Hon Geometry
Algebra I	Hon Pre-Calculus
Geometry	Hon Calculus
Algebra II	Hon Multi-Variable Calculus*
Algebra II/Trigonometry	Hon Math Analysis
Advanced Algebra/Trigonometry	AP Statistics
Pre-Calculus	AP Calculus (AB)
Statistics/Probability	AP Calculus (BC)
	AP Computer Principles
	AP Computer Science
<i>*Seton Hall University Course</i>	

## CO-CURRICULAR PROGRAM

Northern Highlands offers over 60 award-winning co-curricular activities and clubs. Our top-ranked athletic program has 15 sports for boys and 16 sports for girls. Over ninety percent of our students participate in one or more of Highlands' co-curricular activities.

## Academic and Testing Statistics

*GPA Breakdown for the Class of 2019 as of June 2018 Cumulative Averages  
Based on Six Semesters*

GPA RANGES	4.01 & above	4.00-3.51	3.50-3.01	3.00-2.51	2.50-2.01	2.00-1.09
# Students (322 as of June 2018)	73	105	113	31	15	1
% of Class	22%	31%	33%	9%	4%	1%

### College Acceptances for the Class of 2018

Of 337 graduates in the class of 2018, 98.6% (332 are attending college).

Total: 332	4 Year	2 Year	Other
ACCEPTED	2761	16	2
ATTENDING	318	12	2

### ACT Test Results

Test results shown are mean scores.

Test Year	2017	2018
English	27.0	27.5
Math	26.5	26.1
Reading	27.2	27.5
Science Reasoning	25.9	26.4
Composite	26.3	26.5
Students Tested	276	275

### Scholastic Assessment Test Results

SAT I RESULTS FOR THE CLASSES OF 2017 & 2018			
SAT I MEAN SCORES 2017	TOTAL 2017	SAT I MEAN SCORES 2018	TOTAL 2018
TOTAL	1856	TOTAL	1850
CRITICAL READING	603	CRITICAL READING	621
MATHEMATICS	635	MATHEMATICS	641
WRITING	618	WRITING	587
2014, 2015, 2016, 2017 and 2018 COMBINED CRITICAL READING & MATH MEAN SCORES			
	Northern Highlands	New Jersey	Total Group
2018	1262	1094	1068
2017	1238	1085	1082
2016	1176	1009	1002
2015	1178	1021	1006
2014	1171	1024	1010

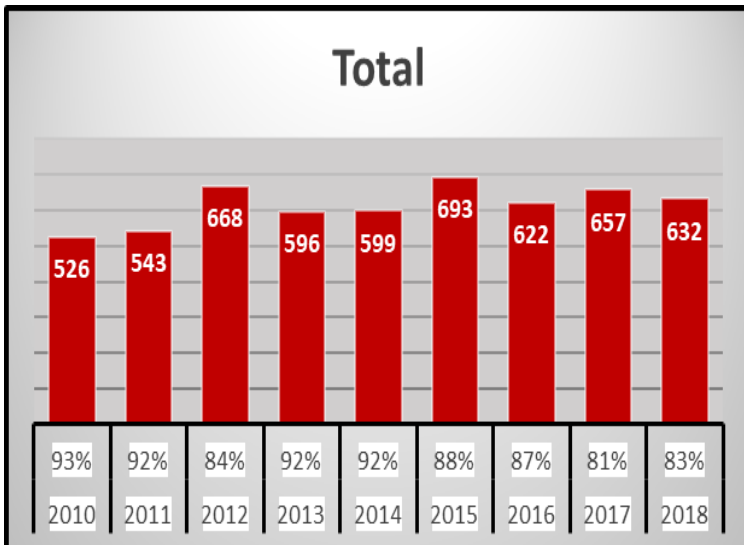
SAT SUBJECT TESTS	2016	2017	2018
English Literature	651	640	651
U.S. History	652	695	687
Biology E	639	645	650
Biology M	659	692	664
Chemistry	647	658	673
Physics	629	694	648
Math Level I C	680	632	662
Math Level II C	714	701	701
World History	680	552	649
Spanish	673	649	626

Mean scores are reported only when there are 5 or more test takers.

### Advanced Placement Program - Distribution of 2018 AP Test Results

AP courses are offered in freshman, sophomore, junior and senior years. Eligibility requirements include: prerequisite courses, grades, proficiency testing, and/or teacher recommendation. In May 2018, 429 students sat for 764 exams in 30 subjects (some of which are not offered as AP courses at Northern Highlands); 81% scored 3 or above.

AP TESTS	SCORES			Total Tests Administered
	5	4	3	
Art History	2	9	16	49
Biology	10	18	3	31
Calculus AB	3	4	11	52
Calculus BC	15	4	10	38
Chemistry	9	3	1	14
Chinese Language	1	0	0	4
Computer Science A	6	4	10	26
Economics: Macro	34	7	3	44
Economics: Micro	6	4	4	16
Eng. Language/Comp	9	10	3	23
English Literature/Comp	5	5	3	14
Environmental Science	5	6	6	21
European History	10	4	2	18
French Language	0	1	6	8
Human Geography	1	0	0	1
Italian Language	0	0	1	1
Japanese Language	1	0	0	1
Music Theory	0	1	0	1
Physics B/I	1	2	12	35
Physics +C Electricity & Magnetism	2	0	1	5
Physics +C Mechanics	6	3	0	9
Psychology	60	49	9	124
Spanish Language	5	4	0	9
Statistics	14	14	6	34
Studio Art (Drawing)	2	7	5	14
Studio Art (2D Design)	2	9	1	12
U.S. Gov't & Politics	17	25	31	84
US Gov't & Pol. Comp.	1	0	0	1
U.S. History	19	17	5	42
World History	4	12	11	32
TOTALS	250	222	160	763



## Colleges Acceptances for NHRHS Class of 2018

College	Accept	College	Accept	College	Accept	College	Accept
Adelphi University	3	Franklin Pierce University	2	Pennsylvania State University	48	US Air Force Academy	1
Albany College of Pharmacy	1	Furman University	2	Pennsylvania State U Abington	1	US Military Academy - Army	2
Albright College	1	George Mason University	2	Pennsylvania State U Altoona	1	US Naval Academy Prep School	1
American Jewish University	1	Georgetown University	1	Pepperdine University	3	U at Buffalo The State U of NY	4
American University	9	Georgia Institute of Tech	1	Philadelphia University	1	University of Bridgeport	1
Amherst College	3	Gettysburg College	7	Portland State University	1	University of CA, Berkeley	1
Appalachian State University	1	Gordon College	1	Pratt Institute	2	University of CA, Davis	1
Arcadia University	2	Goucher College	1	Providence College	13	University of CA, Irvine	1
Arizona State University	3	Hamilton College - NY	3	Purdue University	8	University of CA, Los Angeles	5
Art Center College of Design	1	High Point University	12	Quinnipiac University	30	University of CA, San Diego	3
Assumption College	1	Hobart & William Smith Coll	1	Radford University	1	University of CA, Santa Barbara	5
Auburn University	3	Hofstra University	9	Ramapo College of New Jersey	35	University of CA, Santa Cruz	3
Aurora University	1	Hollins University	2	Rensselaer Polytechnic Institute	9	University of Cincinnati	1
Babson College	1	Howard University	1	Rhode Island School of Design	2	University of Colorado Boulder	15
Bard College	3	Hunter College of the CUNY	1	Rice University	1	University of Colorado Denver	1
Barnard College	2	Husson University	1	Rider University	5	University of Connecticut	9
Baruch College of the CUNY	2	Indiana U at Bloomington	21	Ringling College of Art & Design	3	University of Dayton	2
Baylor University	1	Indiana U of Pennsylvania	1	Rochester Institute of Tech	3	University of Delaware	32
Becker College	1	Iona College	8	Roger Williams University	14	University of Denver	2
Belmont University	2	Ithaca College	10	Rose-Hulman Institute of Tech	1	University of Florida	1
Benedictine University (IL)	1	James Madison University	14	Rowan University	26	University of Hartford	10
Bentley University	4	Johns Hopkins University	2	Rutgers University - Camden	3	University of Idaho	1
Bergen Community College	13	Johnson & Wales U N Miami	1	Rutgers Univ-New Brunswick	55	U of Illinois Urbana-Champaign	5
Berkeley College Woodland Park	1	Johnson & Wales U Providence	7	Rutgers University-Newark	4	University of Kentucky	7
Berklee College of Music	2	Johnson State College	2	Sacred Heart University	8	University of Maine	9
Binghamton University	10	Juniata College	1	Sage College of Albany	1	University of Mary Washington	1
Bloomsburg University of PA	2	Kean University	3	Saint Joseph's University	13	Univ of MD, Baltimore County	2
Boston Architectural College	1	Keene State College	1	Saint Michael's College	1	Univ of MD, College Park	17
Boston College	11	Kent State University	1	Salve Regina University	9	University of MA, Amherst	13
Boston University	12	Keystone College	1	San Diego State University	3	University of MA, Boston	1
Bowling Green State Univ	1	King's College	3	Sarah Lawrence College	1	University of Miami	12
Brooklyn College of CUNY	1	La Salle University	1	Savannah College Art & Design	1	University of Michigan	10
Brown University	1	Lafayette College	5	School - Art Institute of Chicago	3	Univ of Minnesota, Twin Cities	2
Bryant University	4	Lake Forest College	1	School of Visual Arts	5	University of Mississippi	3
Bryn Mawr College	1	Lasell College	1	Seton Hall University	28	U of New Hampshire at Durham	6
Bucknell University	12	Le Moyne College	1	Shippensburg University of PA	1	University of New Haven	5
Caldwell University	1	Lebanon Valley College	3	Siena College	8	University of NC at Charlotte	1
California Institute of the Arts	1	Lehigh University	9	Skidmore College	8	University of NC at Wilmington	1
California Polytechnic State U	2	Liberty University	1	Slippery Rock University of PA	1	University of North Florida	1
California State Polytechnic U	1	Lock Haven University of PA	1	Southern CA Institute-Architect	1	University of Notre Dame	5
Carnegie Mellon University	2	Louisiana State University	2	Spelman College	1	University of Oregon	3
Case Western Reserve Univ	4	Loyola Marymount University	1	St. Bonaventure University	3	University of Pennsylvania	3
Castleton University	1	Loyola University Chicago	1	St. John's University - Queens	5	University of Pittsburgh	11
Centenary University	3	Loyola University Maryland	17	St. Joseph's College-Long Island	1	University of Rhode Island	25
Champlain College	5	Lynchburg College	1	St. Thomas Aquinas College	1	University of Richmond	4
Chapman University	1	Lynn University	2	SUNY at Albany	5	University of Rochester	5
Clark University	1	Madison Area Tech College	1	SUNY at New Paltz	2	University of San Diego	1
Clemson University	10	Maine College of Art	2	Stetson University	1	University of San Francisco	2
Coastal Carolina University	8	Manhattan College	9	Stevens Institute of Technology	15	University of South Carolina	25
Colby College	2	Manhattanville College	3	Stevenson University	1	Univ of Southern California	1
College of Charleston	8	Marist College	20	Stockton University	6	Univ of Tennessee, Knoxville	8
College of the Holy Cross	3	Marquette University	1	Stonehill College	3	University of the Pacific	1
College of William and Mary	5	Maryland Institute Coll of Art	1	Stony Brook University	4	U of the Sciences - Philadelphia	1
Colorado Mountain College	1	Marymount Manhattan College	1	SUNY College at Cortland	5	University of Utah	1
Colorado State University	3	Marywood University	3	SUNY College at Oneonta	1	University of Vermont	15
Columbia College Chicago	1	MA College Art & Design	3	SUNY College at Potsdam	1	University of Virginia	1
Columbia University	1	McDaniel College	1	SUNY College of ESF	1	University of Washington	1
Connecticut College	2	MCPHS - MA Coll Pharm & HS	2	SUNY Delhi	1	Univ of Wisconsin, Madison	8
Coppin State University	1	Merrimack College	1	SUNY Oswego	4	Ursinus College	3
Cornell University	5	Miami University, Oxford	9	SUNY Plattsburgh	1	Utica College	2
DePaul University	1	Michigan State University	7	SUNY Polytechnic Institute	1	Valparaiso University	1
DeSales University	3	Middlebury College	2	Susquehanna University	6	Vermont Technical College	1
Dickinson College	2	Millersville University of PA	2	Swarthmore College	2	Villanova University	18
Dominican College	2	Mitchell College	1	Syracuse University	18	Virginia Tech	13
Drew University	5	Monmouth University	14	Tallahassee Community College	1	Wagner College	1
Drexel University	17	Montclair State University	15	Temple University	6	Wake Forest University	4
Duke University	3	Moore College of Art & Design	1	The Catholic Univ of America	3	Washington and Lee University	1
East Stroudsburg Univ of PA	1	Moravian College	1	The College of New Jersey	24	Wentworth Institute of Tech	3
Eastern Connecticut State U	1	Mount Saint Mary College	3	The College of Saint Rose	4	Wesleyan University	2
Eastman School of Music	1	Mount St. Mary's University	1	The George Washington Univ	17	West Chester University of PA	1
Edinboro University of PA	1	Muhlenberg College	8	The New School - All Divisions	5	West Virginia University	8
Elon University	9	New College of Florida	1	The Ohio State University	4	Western Connecticut State Univ	1
Embry-Riddle Aeronautical U	1	New England College	1	The University of Alabama	8	Western New England Univ	1
Emerson College	3	New England Institute of Tech	1	The University of Arizona	6	Western State Colorado Univ	1
Emory University	3	New Jersey Institute of Tech	9	The University of Findlay	1	William Paterson Univ of NJ	23
Fairfield University	13	New York Institute of Tech	1	The University of Georgia	2	Wilmington University	1
Fairleigh Dickinson U - Florham	5	New York University	20	The University of Memphis	1	Worcester Polytechnic Institute	2
Fairleigh Dickinson U - Metro	3	Newcastle University	1	The University of NC Chapel Hill	1	Yale University	1
Farmingdale State College	1	Nichols College	1	The University of Scranton	4	York College of Pennsylvania	1
Felician University	2	North Carolina State University	1	The University of Tampa	6		
Florida Atlantic University	4	Northeastern University	27	The University of Texas, Austin	2		
Florida Gulf Coast University	1	Northwestern University	1	The University of the Arts	2		
Florida Southern College	1	Norwich University	1	Towson University	1	<b>Non-U.S.Colleges</b>	
Florida SW State College	1	Pace University, New York City	15	Trinity College	2	Edinburgh Napier University	1
Florida State University	2	Pace University, Westchester	1	Tufts University	3	Leiden Univ College The Hague	1
Fordham University	33	Paul Smith's College	1	Tulane University	6	McGill University	1
Franklin & Marshall College	2	Pennsylvania College of Tech	1	Union College (New York)	4	University of Toronto	2

