

# Northern Highlands Regional High School

## Class of 2012 Profile

298 Hillside Avenue, Allendale, New Jersey 07401

Telephone: 201-327-8700 FAX: 201-236-9543

www.northernhighlands.org



### ADMINISTRATION

John J. Keenan, Superintendent

Joseph J. Occhino, Principal

Michael T. Koth, Assistant Principal

Robert E. Williams, Director of Student Activities/Athletics

### ACADEMIC PREPARATION OF FACULTY

B.A.	28
M.A.	65
M.A. plus 30	20
M.A. plus 60	22
Ph.D./Psy.D./Ed.D./J.D.	2

### 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 1352 with 355 students enrolled in the 12th grade.

### ACCREDITATION

New Jersey State Department of Education

### GUIDANCE DEPARTMENT: Thomas M. Buono, Supervisor

Jennifer Ferentz, Counselor ext. 269	Jennifer Saxton, Counselor ext. 293	Barbara Cucinotta, Adm. Asst. ext. 219
Stephen Jochum, Counselor ext. 291	Michael Stone, Counselor ext. 288	Ann Karpinecz, Secretary ext. 209
Darcy Hoberman, Counselor ext. 284	Denise Talotta, Counselor ext. 296	Josephine Klomburg, Secretary ext. 256

### 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 7<sup>th</sup> semester GPA is forwarded to colleges on the mid-year report.

P = Pass F = Fail F/W = Fail (Withdrawn) M = Medical

### POST-SECONDARY EDUCATION FOR CLASS OF 2011 (302 Graduates)

(Members in Class – 305)

	(Number)	(Percentage)
4 year colleges	286	94.7%
2 year colleges	8	2.6%
Totals	294	97.3%

(Of 302 graduates, 294 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 2012 must pass the New Jersey High School Proficiency Assessment, and earn a minimum of 125 credits including: 4 years of English and a semester-long freshman course in rhetoric; 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, and Life Skills (CFLS)- one semester of which is Computer Applications; one year of Visual and Performing Arts (VPA); two additional years of either CFLS or VPA or one of each; and one year of Physical Education and/or Health for each year a student is in attendance at Northern Highlands.

## Elective offerings for the class of 2012 include:

Visual and Performing Arts: All art and music classes, Acting I, Actors' Workshop, Film Studies, Mass Media, TV Production, Broadcast TV, Video Storytelling, Advanced Film Production I, Intro to Acting & Theater, Actors Workshop 1 & II, and Film Studies.

Career Education and Consumer, Family, and Life Skills: Business, Computers, Applied Technology, and Family and Consumer Sciences classes. Other individual classes include: Web Page Design & Multimedia (applicable to EITHER Visual and Performing Arts requirements OR Family and Life Skills, Creative Writing I, II, and III, and Journalism.

Presently, there are 36 Honors courses -- four of which are Syracuse University Honors Project Advance classes; two of which are dual enrollment through University of Medicine and Dentistry of New Jersey and Fairleigh Dickinson's Middle College Program -- and 21 Advanced Placement courses in: English, United States History, European History, World History, U.S. Gov't and Politics, Psychology, Calculus AB, Calculus BC, Statistics and Probability, Biology, Chemistry, Physics B, Physics C, Environmental Science, French, Spanish, Economics, Art History, Studio Art, Computer Programming, and Music Theory. Sophomores who meet the appropriate prerequisite may take one AP class; seniors and juniors may take 1-5 classes each year. Seniors also have the opportunity to take a Syracuse University course in either Hon Forensic Science, Hon Writing Studio and Hon Reading & Interpretation, or Hon Spanish V. Although few Highlanders take a study, those students who concurrently take two lab sciences must have a study.

## ACADEMIC COURSE OFFERINGS

### ENGLISH

Students take one year of English 9, one semester of the freshman writing seminar, and one year of American Literature (grade 10); then students complete the remaining two years of English by selecting CP, Honors, or AP courses, along with electives.

COLLEGE PREP	HONORS	AP
Literature/Individual Literature/Society Modern Fiction/ Non- Fiction American Literature	Hon American Literature Hon Modern Fiction/ Non-Fiction Hon Brit Literature Hon Humanities Hon Writing Studio* Hon Reading & Interpretation*	AP English (Grade 12 only)
<i>*Syracuse University's Project Advance course</i>		

### SOCIAL STUDIES

After one year of World History/Cultures, students concentrate on a chronological study of American History by selecting either CP, Honors, or AP courses. Electives include: AP European History, AP U.S. Gov't and Politics, AP World History, AP Psychology, Hon Model UN, Hon American Studies, The Modern World, and Psychology.

COLLEGE PREP	HONORS	AP
World Hist/Cultures (Gr 9) 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

### MATHEMATICS

Over four years, students select their program from mathematics courses grouped on four levels:

GENERAL	INTERMEDIATE	COLLEGE PREP	HONORS/AP
Concepts of Alg Applied Math	Algebra I Geometry Algebra II Adv Alg /Trig Pre Algebra 9	CP Algebra I CP Geometry CP Algebra II/Trig CP Pre-Calculus CP Discrete Math CP Stat/Probability	Hon Alg II/Trig Hon Geometry Hon Pre-Calculus Hon Calculus AP Statistics AP Calculus (AB) AP Calculus (BC)

### WORLD LANGUAGES

Students have the opportunity to study languages on several levels. French, Spanish, Italian, Chinese and Latin are offered for those students with no previous World Languages background. Beginning courses focus on practical communication skills, while enriched courses are accelerated. Students who begin high school with courses labeled either CP II or IIE have already had a minimum of two years in that language.

INTERMEDIATE	COLLEGE PREP	HONORS/AP
Exploring Languages & Cultures	Chinese I Latin I French I, II, III, IV French IIE Spanish I, II, III, IV Spanish IIE Italian I, II, III, IV	Hon Chinese II, III, IV Hon Latin II, III, IV Hon French III, IV Hon Spanish III, IV Hon Spanish V* Hon Italian III, IV AP French AP Spanish
<i>*Syracuse University's Project Advance course</i>		

### SCIENCE

Students take lab-science classes on three different levels and follow a Physics/Chemistry/Biology sequence. Electives include: Astronomy, Environmental Science, Sports Medicine/Anatomy, Forensics, Hon Forensic Science \*, Hon Anatomy & Physiology, and AP Environmental Science.

INTERMEDIATE	COLLEGE PREP	HONORS/AP
Physics Human Biology Chemistry	CP Physics CP Chemistry CP Biology	Hon Physics Hon Chemistry Hon Biology AP Physics B AP Physics C AP Chemistry AP Biology
<i>*Syracuse University's Project Advance course</i>		

## CO-CURRICULAR PROGRAM

Northern Highlands offers over 50 award-winning co-curricular activities and clubs. Our top-ranked athletic program has 15 sports for boys and 17 sports for girls. Over eighty percent of our students participate in one or more of Highlands' extracurricular activities.

## ACADEMIC AND TESTING STATISTICS

(Based on information gathered as of June 2011)

### GPA BREAKDOWN FOR THE CLASS OF 2012 AS OF JUNE 2011 (\*354 STUDENTS) - CUMULATIVE AVERAGES BASED ON SIX SEMESTERS

\*Note: At the present time there are 355 students in the Class of 2012)

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 (354 as of June 2011)	46	120	100	59	25	4
% of Class	13%	34%	28%	17%	7%	1%

### COLLEGE ACCEPTANCES FOR THE CLASS OF 2011

Of 302 graduates in the class of 2011, 97.3 (294) are attending college. The acceptance breakdown according to Barron's 29<sup>th</sup> edition of competitive ratings follows:

Total: 302	Most	Highly	Very	Competitive	Special	2 year	Less	Not rated by Barron's	NON U.S. 4 year colleges
ACCEPTED	168	277	433	300	11	14	10	9	3
ATTENDING	63 (21%)	70 (23.7%)	92 (31%)	51 (17%)	4 (1%)	8 (2%)	1(0.3%)	4 (1%)	1 (0.3%)

Note: 75.7% of 302 students are attending Most, Highly and Very Competitive Schools.

### SCHOLASTIC ASSESSMENT TEST RESULTS FOR THE CLASSES OF 2010 & 2011

#### SAT I RESULTS FOR THE CLASSES OF 2010 & 2011

SAT I MEAN SCORES 2010		TOTAL 2010	SAT I MEAN SCORES 2011		TOTAL 2011
Male (247)	Female (161)	Combined (308)	Male (168)	Female (140)	Combined (308)
CR 555	CR 554	CR 554	CR 553	CR 577	CR 564
M 596	M 568	M 581	M 582	M 587	M 584
WR 574	WR 588	WR 582	WR 561	WR 610	WR 583

	2009	2010	2011
English Literature	647	630	608
U.S. History	682	678	653
Biology E	645	548	594
Biology M	701	620	643
Chemistry	713	634	689
Physics	706	628	672
Math Level I C	668	667	639
Math Level II C	714	693	709
World History	-	-	639
Spanish	-	-	605

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

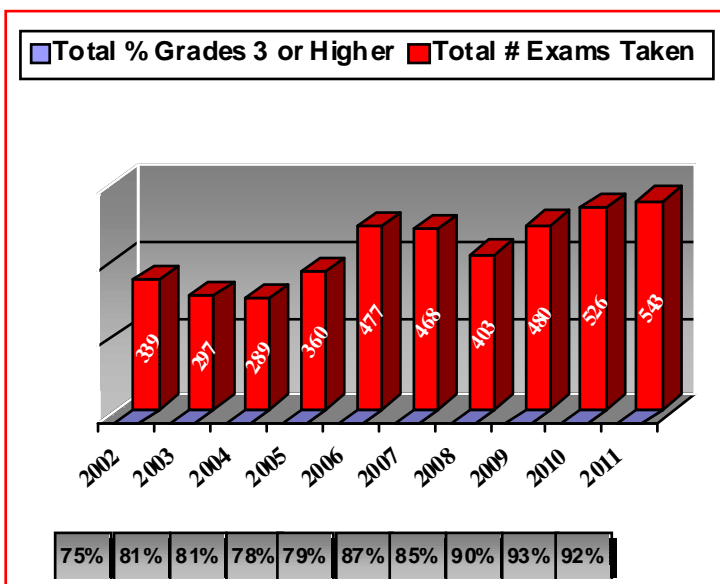
#### 2007, 2008, 2009, 2010 & 2011 COMBINED CRITICAL READING & MATH MEAN SCORES

	Northern Highlands	New Jersey	Nation
2011	1148	1011	1011
2010	1135	1009	1017
2009	1159	1009	1016
2008	1128	1008	1017
2007	1134	1005	1017

### ADVANCED PLACEMENT PROGRAM - DISTRIBUTION OF 2011 AP TEST RESULTS

AP courses are offered in sophomore, junior and senior years. Eligibility requirements include: prerequisite courses, grades, proficiency testing, and/or teacher recommendation. In May 2011, 318 students sat for 543 exams in 22 subjects (some of which are not offered as AP courses at Northern Highlands); 92% scored 3 or above.

#### MAY 2011 - A.P. GRADES 3 OR HIGHER



AP TESTS	SCORES			Total Tests Administered
	5	4	3	
Art History	1	7	4	13
Biology	12	13	13	52
Calculus AB	3	4	11	29
Calculus BC	7	5	2	15
Chemistry	3	3	6	14
Economics: Macro	30	17	7	57
Economics: Micro	1	1	-	2
Eng. Language/Comp	6	4	-	10
English Literature/Comp	4	3	3	11
Environmental Science	1	4	4	14
European History	5	8	2	15
French Lang	1	1	1	3
Music Theory	2	2	2	8
Physics B	3	1	2	6
Psychology	36	26	5	67
Spanish Lang	1	8	-	9
Statistics	14	19	6	40
Studio Art (Drawing)	-	4	7	12
Studio Art (2D Design)	2	9	10	22
U.S. Govt. & Politics	24	16	17	62
U.S. History	27	22	4	54
World History	6	4	12	28
<b>TOTALS</b>	<b>189</b>	<b>181</b>	<b>118</b>	<b>543</b>

# Colleges Acceptances for NHRHS Class of 2011

(Numbers indicate the number of students accepted at each college)

Adelphi University	1	Furman University	3	Quinnipiac University	39	University of Chicago	1
Albright College	5	George Mason University	1	Radford University	1	Univ of Colorado/Boulder	5
Alfred University	1	Georgetown University	1	Ramapo College of NJ	16	University of Connecticut	14
American University	15	Gettysburg College	3	Rensselaer Polytech Inst	3	University of Dayton	1
Amherst College	2	Hamilton College NY	1	Richard Stockton Coll of NJ	2	University of Delaware	18
Arcadia University	3	Hartwick College	1	Rider University	7	University of Denver	1
Arizona State Univ	2	Harvard University	1	Roanoke College	2	University of Georgia	1
Babson College	3	Haverford College	1	Rochester Institute of Tech	5	University of Hartford	11
Barnard College	2	High Point University	2	Roger Williams University	12	U of IL/Urbana-Champaign	1
Bates College	1	Hobart & William Smith	3	Rollins College	1	University of Maine	4
Bentley University	3	Hofstra University	8	Rose-Hulman Institute of Tech	1	University of MD/ Baltimore	1
Bergen Comm College	13	Indiana Univ/Bloomington	5	Rowan University	7	University of MD/Coll Park	12
Berklee College of Music	1	Iona College	7	Rutgers/New Brunswick	56	University of MA/Amherst	16
Binghamton University	8	Ithaca College	15	Rutgers/ Newark	5	University of MA/Boston	2
Bloomsburg Univ/PA	3	James Madison University	5	Rutgers/ Camden	2	University of Miami	5
Boston College	11	John Jay College/CUNY	2	Sacred Heart University	7	University of Michigan	8
Boston University	16	Johns Hopkins University	1	Saint Anselm College	1	U of Minnesota, Twin Cities	1
Brandeis University	1	Johnson & Wales University	5	Saint Joseph's University	12	University of Mississippi	2
Bridgewater State University	1	Kean University	4	Saint Leo University	1	Univ of Missouri Columbia	1
Brooklyn College/CUNY	1	Keene State College	2	Saint Michaels College	2	University of New England	2
Brown University	3	Kent State University	2	Salisbury University	3	Univ of New Hampshire	2
Bryant University	5	Kutztown University/PA	1	Salve Regina University	6	University of New Haven	8
Bucknell University	5	La Salle University	3	San Diego State University	2	University of NC/Wilmington	2
Buffalo State College/SUNY	1	Lafayette College	6	San Francisco State University	1	University of Notre Dame	2
Caldwell College	2	Lasell College	2	Santa Clara University	1	University of Oregon	1
California Poly State U/SLO	1	Le Moyne College	1	School/Museum of Fine Arts	2	University of Pennsylvania	2
California State U/Fullerton	1	Lebanon Valley College	2	School of Visual Arts	3	University of Pittsburgh	5
Carnegie Mellon University	2	Lehigh University	5	Seattle University	1	University of Portland	1
Case Western Reserve	1	Lock Haven University/PA	1	Seton Hall University	8	University of Rhode Island	30
Castleton State College	2	Long Island Univ, C.W. Post	2	Shippensburg U of Penn	3	University of Richmond	3
Cazenovia College	1	Louisiana State University	1	Siena College	9	University of Rochester	3
Centenary College	2	Loyola College in MD	19	Simmons College	1	University of South Carolina	10
Champlain College	8	Lycoming College	1	Skidmore College	3	University of South Florida	2
Chestnut Hill College	1	Lyndon State College	2	Slippery Rock U of Penn	2	University of Southern Maine	1
City University of New York	1	Lynn University	3	Springfield College	3	U of Southern Mississippi	1
Clark University	1	Maine Maritime Academy	1	St. John's University/Queens	4	U of Tennessee, Knoxville	1
Clemson University	6	Manhattan College	3	St. Thomas Aquinas College	3	University of Utah	1
Cleveland Institute of Music	1	Manhattanville College	2	Stevens Inst of Tech	5	University of Vermont	14
Coastal Carolina University	7	Marist College	13	Stonehill College	4	University of Virginia	1
Colby-Sawyer College	1	Maryland Institute Coll of Art	1	Stony Brook University	5	University of Washington	2
Colgate University	5	Marymount Manhattan Coll	3	Suffolk University	2	University of Wisc/Madison	2
College of Charleston	7	Marywood University	2	SUNY/Albany	8	Ursinus College	2
College of William & Mary	5	Mass College of Pharmacy	1	SUNY Alfred State College	1	Utica College	2
Colorado College	1	Mass Institute of Technology	1	SUNY/Cortland	2	Vassar College	1
Colorado State University	2	McDaniel College	2	SUNY/Oneonta	1	Villanova University	10
Connecticut College	2	Merrimack College	1	SUNY/Potsdam	2	Virginia Military Institute	1
Cornell University	6	Miami University/Oxford	2	SUNY Delhi	1	Virginia Polytechnic Inst	3
Curry College	1	Michigan State University	1	SUNY/New Paltz	1	Wake Forest University	4
Dartmouth College	2	Millersville U of Penn	1	SUNY University at Buffalo	2	Waseda University	1
Delaware Valley College	1	Mitchell College	1	Susquehanna University	9	Washington College	3
Denison University	2	Monmouth University	15	Syracuse University	9	Washington Univ/St. Louis	1
DePaul University	1	Montclair State University	13	Temple University	9	Waynesburg University	1
DeSales University	1	Moravian College	2	Texas Christian University	2	Wellesley College	1
Dickinson College	2	Muhlenberg College	5	The Art Institute of NYC	1	Wesleyan University	3
Drew University	3	New Jersey City University	1	The Catholic U of America	2	West Chester U of PA	1
Drexel University	15	New Jersey Inst of Tech	4	The College of New Jersey	20	West Virginia University	8
Duke University	1	New York Inst of Tech	2	The George Washington U	9	Western New England Coll	3
Duquesne University	1	New York University	11	The Hartt School, U Hartford	1	Western Washington Univ	1
East Stroudsburg U of PA	1	Northeastern University	14	The Ohio State University	1	Widener University	1
Eckerd College	2	Northwestern University	1	The University of Alabama	1	William Paterson University	15
Elon University	4	Pace Univ/New York	11	The University of Arizona	3	Williams College	2
Embry-Riddle Aeronautical	1	Pace Univ/Pleasantville	1	The University of Scranton	9	Wofford College	1
Emerson College	3	Parsons School of Design	1	The University of Tampa	10	Worcester Polytechnic Institute	1
Emory University	3	Penn State Univ/Abington	1	Towson University	6	Yeshiva University	1
Endicott College	1	Penn State Univ/Altoona	2	Trinity College	2	York College of Pennsylvania	1
Fairfield University	14	Penn State Univ/Univ Park	35	Tufts University	1	York University	1
Fairleigh Dickinson Univ	6	Philadelphia University	2	Tulane University	7		
Felician College	1	Plymouth State University	2	Union College	3		
Flagler College	1	Polytechnic Institute of NYU	1	US Military Academy	1	<b>NON-U.S. COLLEGES</b>	
Florida Atlantic University	1	Pratt Institute	3	US Naval Academy	2	American Univ/Paris	1
Fordham University	17	Princeton University	1	University of Arkansas	1	International Christian U	1
Fort Lewis College	1	Providence College	10	University of Bridgeport	1	Yeshivat Sha'arei Mevasseret Zion I	
Franklin & Marshall College	4	Purchase College	1	Univ of CA/Berkley	1		
Franklin Pierce University	2	Purdue University	6	University of Central Florida	2		