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2009-2010 PROFILE

Niskayuna High School

Niskayuna Central School District **A National School of Excellence**

Administration: Dr. Kevin S. Baughman, Superintendent
 Dr. Deborah Shea, Assistant Superintendent
 for Educational Programs & Instruction
 John W. Rickert, Principal
 Dr. Shelley Baldwin-Nye, Associate Principal
 Rebecca Gleason, Assistant Principal
 Mark Treanor, Assistant Principal

Counselors for Grades 10-12:
 Nancy Bushee, nbushee@niskyschools.org
 Tim Albanese, talbanese@niskyschools.org
 Kristen Neary, kneary@niskyschools.org
 Leah Wertz, lwertz@niskyschools.org

Counselors for Grade 9:
 Kate Carroll, kcarroll@niskyschools.org
 Karl Swisher, kswisher@niskyschools.org

The School and Community

Niskayuna is a suburban community with an approximate population of 20,500. It is conveniently located in the Albany, Schenectady, Troy metropolitan area.

While essentially a residential community, General Electric Global Research, Knolls Atomic Power Laboratory, the WRGB television studio, Environment One, and Schenectady International, Inc. are located within the district.

The community has long provided strong and consistent support to an effective and forward-looking educational program.

Niskayuna High School is a comprehensive public high school with a student population of 1,430 students in grades 9-12. Thirteen departments offer a rich variety of programs designed to meet the needs of a talented student population. Offerings include 47 honors and 19 AP classes, options for interdisciplinary study, and a broad range of electives. Twenty-two units of credit are required for graduation, including English (4), social studies (4), math (3), science (3), human ecology (1/2) and art/music (1).

Classes are offered in 78-minute blocks on alternate days. Seniors must carry a minimum of 5.5 credit hours.

Distinctions

In 1983, the United States Office of Education named Niskayuna High School as a School of Excellence, one of 144 high schools identified in the nation-wide selection process. NHS was named one of the nation's top 10 high schools by the School Match Service and ranked one of the top 400 high schools in the country in a study commissioned by the U. S. Department of Education.

There are 120 faculty members at Niskayuna High School, over 90% of whom hold advanced degrees.

Class of 2009	
Post High School Plans	
Four-year college or university	73%
Two-year college	21%
Military	2%
Employment	2%
Other	2%



Honors & Advanced Placement

Students who demonstrate superior promise in English, social studies, science, math, foreign language, art and music may be recommended for honors or AP courses in one or more of these subjects. Students may also “self select” for these courses. A complete Program of Studies is available on the district Web site at www.niskayunaschools.org.

ADVANCED PLACEMENT EXAMS 2009

247 students wrote 407 exams ... 91% scored 3 or higher

Academic Area	Frequency of Scores					Total
	5	4	3	2	1	Written
Biology	17	6	7	1	1	32
Calculus AB	13	6	2	6	0	27
Calculus BC	8	7	0	1	1	17
Chemistry	9	5	4	1	0	19
Computer Science AB	1	0	1	0	0	2
Economics Macro	8	11	3	2	5	29
Economics Micro	3	0	1	0	0	4
English Lang & Comp	25	42	39	6	0	112
English Lit & Comp	2	5	2	2	0	11
French Language	0	1	7	2	0	10
German Language	2	2	0	0	0	4
Gov't & Politics: U.S.	4	5	6	3	0	18
Japanese Language	1	0	0	0	0	1
Music Theory	1	2	3	1	0	7
Physics B	0	0	1	0	0	1
Physics C (E&M)	4	0	2	1	0	7
Physics C (Mech)	5	2	2	0	0	9
Spanish Language	0	0	1	0	0	1
Statistics	8	7	9	1	0	25
U.S. History	12	22	11	1	0	46
World History	13	10	1	1	0	25
TOTALS	136	133	102	29	7	407

Honors Courses

English 9 Honors
 English 10 Honors
 English 10 Honors: World Connections*
 English 11 Honors/AP
 SUPA English 12
 English 12 Honors/AP

Global History I Honors, II Honors
 Social Studies 10 Honors: World Connections*
 American History Honors
 Introduction to Political Science Honors

Math 1 Advanced Honors
 Math 2 Advanced Honors
 Math 3 Honors
 Math 4 Honors

Biology Honors
 Chemistry Honors
 Earth Science Honors
 Physics Honors

French II Honors, III Honors, IV Honors,
 V Honors
 German Accelerated I/II, II Honors, III Honors,
 IV Honors, V Honors
 Latin Accelerated I/II, IV Honors, Latin AP*
 Spanish II Honors, III Honors, IV Honors,
 V Honors

Advanced Art Studio
 Advanced Jewelry
 Advanced Ceramics
 Advanced Studio in Video
 Advanced Studio in Computer Arts
 Advanced Photography
 Advanced Sculpture
 Symphonic Band
 Symphony Orchestra
 Music Theory II
 Concert Chorale
 Jazz Ensemble
 Chamber Strings
 Studio Singers
 Bel Canto Voices
 Orchestra Winds

AP Courses

AP English 11 Honors
 AP English 12 Honors
 AP Reading & Writing Prose*
 AP American History
 AP Micro Economics
 AP Macro Economics
 AP Macro Economics &
 American Government
 AP American Government*
 AP World History
 AP Human Geography
 AP Computer Science
 AP Biology
 AP Chemistry
 AP Physics
 AP Latin*
 AP Music*
 AP Art*

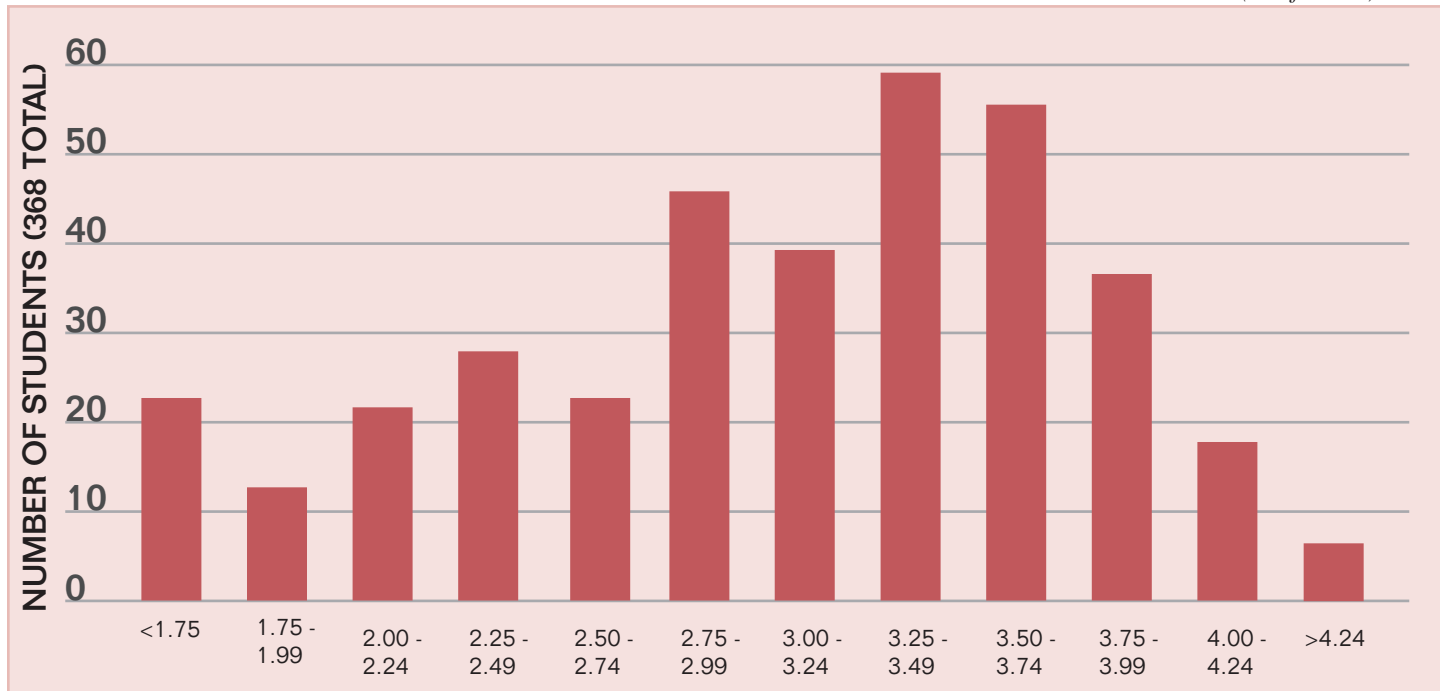
AB Calculus
 BC Calculus
 AP Statistics

**not offered in the
 2009-10 school year*

Grading

Grades are “A+ through F,” including “+” and “-” grades for A, B and C, and an equivalent numerical scale has been defined in which an A+ equals 4.3. While there is no weighting of Honors or AP courses in the traditional sense, outstanding work in these courses is recognized with a grade of “H” (5 points), which is also used in computing the GPA. The GPA chart in this profile is based on six semesters of grades for this class.

CLASS OF 2010 SIXTH SEMESTER CUMULATIVE G.P.A. DISTRIBUTION *(as of 08/09)*



Mean Scores for 2008-09 Subject Tests

Subject	Number	Mean	Standard Deviation
Literature	14	633	
U.S. History	38	675	90
World History	17	676	
Math Level 1	34	656	88
Math Level 2	32	733	81
Biology — E	28	629	81
Biology — M	38	654	100
Chemistry	32	658	80
Physics	10	755	
Chinese—Listening	1		
French	3	620	
German	0		
German—Listening	1		
Japanese—Listening	1		
Latin	2		
Spanish	1	585	
Spanish—Listening	0		

Niskayuna Average ACT scores – Three year trend

Year	# tested	English	Math	Reading	Science	Composite
2006-07	119	25.0	26.4	25.7	25.0	25.6
2007-08	138	25.2	26.5	25.7	25.3	25.8
2008-09	142	24.6	26.2	25.5	24.8	25.4

2008-09 SAT

	25th%ile	75th%ile
Critical Reading	470	640
Math	510	650
Writing	460	630

NATIONAL MERIT SCHOLARSHIP PROGRAM

Number of Participants	245
Semifinalists	2
Letters of Commendation	15

Colleges & Universities currently attended by Niskayuna graduates:

Albany College of Pharmacy	George Washington University	Northeastern University	State University of New York,
American Musical and Dramatic Academy	Georgetown University	Northwestern University	Old Westbury
American University	Gettysburg College	Northwestern Ohio, University of	State University of New York, Oswego
Amherst College	Gordon College	Norwich University	State University of New York,
Anna Maria College	Green Mountain College	Notre Dame, University of	Plattsburgh
Arizona State University	Greensboro College	Oral Roberts University	State University of New York, Potsdam
Bard College	Grinnell College	Pennsylvania State University	State University of New York,
Barnard College	Grove City College	Pennsylvania, University of	Purchase
Bates College	Hamilton College	Philadelphia University	State University of New York,
Baylor University	Hartford, University of	Pittsburgh, University of	Stony Brook
Bentley College	Hartwick College	Pratt Institute	Suffolk University
Boston College	Harvard College	Princeton University	Swarthmore College
Boston University	Hobart & William Smith Colleges	Providence College	Syracuse University
Bowdoin College	Hofstra University	Quinnipiac University	Tampa, University of
Brandeis University	Holy Cross, College of the	Reed College	Tennessee, University of
Brigham Young University	Hunter College, CUNY	Reinhardt College	Texas A&M University
Brown University	Indiana University, Bloomington	Rensselaer Polytechnic Institute	Toronto, University of
Bryn Mawr College	Ithaca College	Rhode Island School of Design	Towson University
Bucknell University	James Madison University	Rhode Island, University of	Tufts University
California at Santa Cruz, University of	Johns Hopkins University	Rice University	Tulane University
Canisius College	Johnson & Wales University	Richmond, University of	U.S. Coast Guard Academy
Carnegie Mellon University	Keene State College	Rider University	U.S. Military Academy, West Point
Case Western Reserve University	Kentucky, University of	Rochester Institute/Technology	Union College
Castleton College	King's College, NY	Rochester, University of	Utah, University of
Cazenovia College	Laboratory Institute of Merchandising	Roger Williams University	Utah Valley State College
Central Connecticut State University	Lafayette College	Rollins College	Utica College
Champlain College	Lasell College	Russell Sage College	Vanderbilt University
Chapman University	Lawrence University	Rutgers University	Vassar College
Chester College, New England	Lehigh University	Sacred Heart University	Vermont, University of
Chicago, University of	LeMoyne College	Sage College of Albany	Villanova University
City College of New York	Macalester College	Salve Regina University	Virginia Polytech & St. University
Clark University	Maine, University of	School, Art Institute/Chicago	Wagner College
Clarkson University	Manhattan College	School of Visual Art	Wake Forest University
Coastal Carolina University	Manhattanville College	Siena College	Washington University, MO
Colgate University	Maria College	Simmons College	Wentworth Institute/Technology
Colorado, University of	Marist College	Skidmore College	Wesleyan University
Colorado at Boulder, University of	Marquette University	Southern California, University of	West Florida, University of
Columbia University	Maryland, University of	St. Anselm College	West Virginia University
Concordia University	Marymount Manhattan College	St. Benedict, College of	Western Connecticut State University
Connecticut, University of	Massachusetts College of Art	St. Bonaventure University	Western New England College
Cornell University	Massachusetts College of Liberal Arts	St. John Fisher University	William & Mary, College of
Curry College	Massachusetts College of Pharmacy & Health Sciences	St. John's University	Williams College
Dartmouth College	Massachusetts Institute/Technology	St. Lawrence University	Wisconsin, University of
Dean College	Massachusetts, University of	St. Michael's College	Worcester Polytechnic Institute
Delaware, University of	McGill University	St. Mary's College, MD	Yale University
Dickinson College	Mercyhurst College	State University of New York, Albany	
Drexel University	Merrimack College	State University of New York, Alfred	
Duke University	Miami University Ohio	State University of New York,	
Duquesne University	Michigan, University of	Binghamton	
D'Youville College	Michigan State University	State University of New York,	
Eastman School of Music, University of Rochester	Missouri State University	Brookport	
Eckerd College	Monmouth University	State University of New York, Buffalo	
Elmira College	Montana Misoulla, University of	State University of New York, Canton	
Emerson College	Mount Holyoke College	State University of New York,	
Emmanuel College	Mount Ida College	Cobleskill	
Emory University	Nazareth College	State University of New York, Buffalo	
Evergreen College	Newbury College	State University of New York,	
Fairfield University	New England College	Cortland	
Fashion Institute/Technology	New Hampshire Institute of Art	State University of New York, Delhi	
Fisher College	New Hampshire, University of	State University of New York,	
Flagler College	New Haven, University of	Environmental Science & Forestry	
Fordham University	New York University	State University of New York,	
Franciscan University	Niagara University	Fredonia	
Franklin Pierce College	North Carolina State University	State University of New York, Geneseo	
Furman University	North Carolina, University of	State University of New York,	
George Mason University	North Carolina at Wilmington, University of	Institute of Technology	
		State University of NY, New Paltz	
		State University of New York,	
		Oneonta	

Community Colleges & Two-Year Programs

Broome Community College
 Cape Fear Community College
 Cayuga Community College
 Community College of Philadelphia
 Community College of Vermont
 Dutchess Community College
 Fulton-Montgomery Community College
 Herkimer County Community College
 Hillsboro Community College
 Hudson Valley Community College
 Mohawk Valley Community College
 Onondaga Community College
 Prince George's Community College
 Schenectady County Community College
 Suffolk Community College
 Tri-County Technical College
 Valencia Community College