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2007-2008 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
 Gloria A. Jean, Director of K-12 Counseling

Counselors for Grades 10-12:
 Nancy Bushee, nbushee@niskyschools.org
 David Motta, dmotta@niskyschools.org
 Kristen Neary, kneary@niskyschools.org
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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 1,447 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 18 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 recently 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 2007

Post High School Plans

Four-year college or university	78%
Two-year college	18%
Military	1%
Employment	1%
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 2007

228 students wrote 383 exams ... 92% scored 3 or higher

Academic Area	Frequency of Scores					Total Written
	5	4	3	2	1	
Biology	19	3	0	0	0	22
Calculus AB	8	11	11	6	1	37
Calculus BC	10	4	4	1	0	19
Chemistry	3	3	4	5	0	15
Computer Science A	0	0	1	0	0	1
Computer Science AB	7	2	3	0	1	13
Economics Macro	9	6	1	1	1	18
Economics Micro	1	4	5	2	0	12
English Lang & Comp	19	26	24	4	0	73
English Lit & Comp	1	3	5	1	0	10
French Language	2	2	4	0	0	8
German Language	1	1	0	0	0	2
Gov't & Politics: U.S.	1	4	3	2	0	10
Music Theory	0	2	4	0	0	6
Physics B	0	2	1	0	0	3
Physics C (E&M)	6	0	1	0	0	7
Physics C (Mech)	7	1	0	0	0	8
Psychology	1	0	0	0	0	1
Spanish Language	1	3	1	0	0	5
Statistics	14	9	5	2	0	30
Studio Art	0	0	1	0	0	1
U.S. History	20	20	7	2	0	49
World History	20	8	4	1	0	33
TOTALS	150	114	89	27	3	383

Honors Courses

- English 9 H
- English 10 H
- English 10 H: World Connections*
- English 11 H/AP
- SUPA English 12
- English 12 H/AP
- Global History I H, II H
- Social Studies 10 H: World Connections*
- American History H
- American Politics & Public Affairs
- Math 1 A
- Math 2 A
- Math 3 H
- Math 4 H
- Biology H
- Chemistry H
- Earth Science H
- Physics H
- French II H, III H, IV H, V H
- German Accelerated I/II, II H, III H, IV H, VH
- Latin Accelerated I/II, IV H, Latin AP*
- Spanish II H, III H, IV H, V H
- 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/AP
- Concert Chorale
- Jazz Ensemble
- Chamber Strings
- Studio Singers
- Bel Canto Voices
- Orchestra Winds

AP Courses

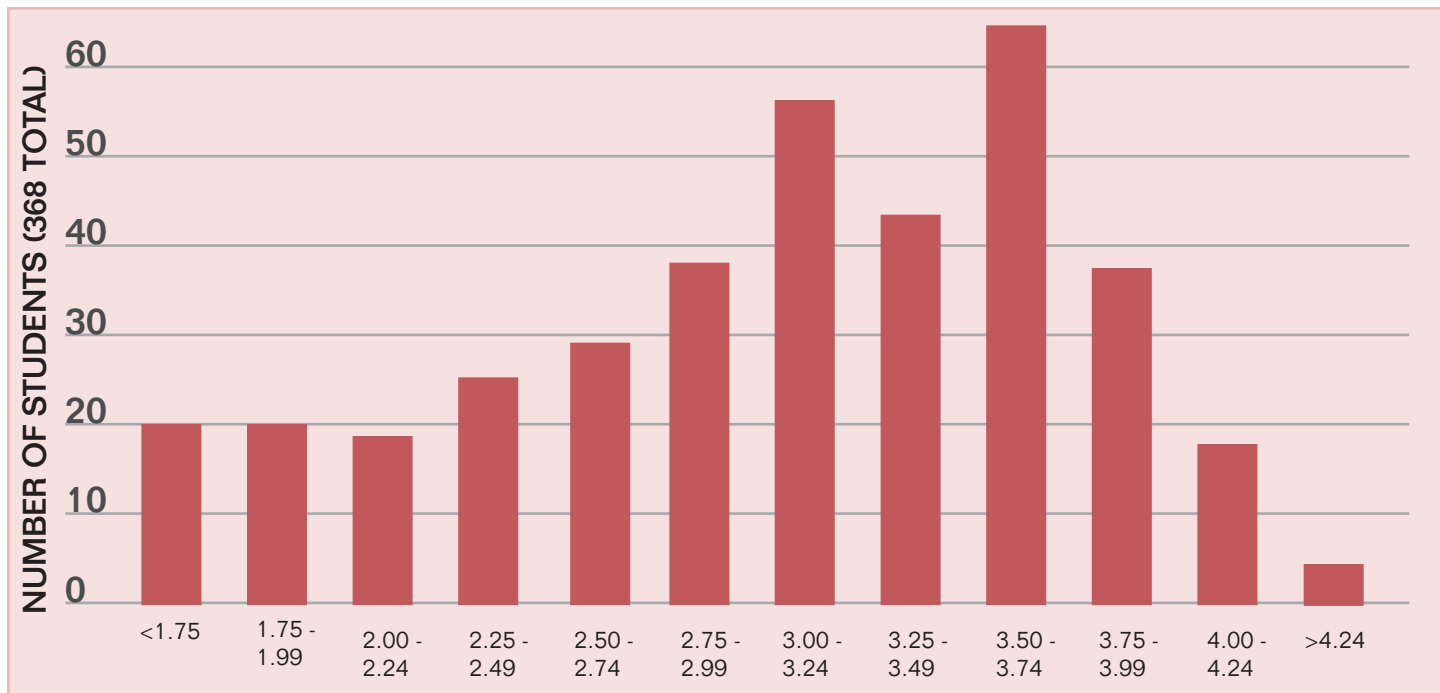
- AP English 11 H
- AP English 12 H
- AP Reading & Writing Prose*
- AP American History
- AP Micro Economics
- AP Macro Economics
- AP Macro Economics & American Government
- AP American Government
- AP World History
- AP Computer Science AB
- AP Biology
- AP Chemistry
- AP Physics
- AP Latin*
- AP Music
- AP Art
- AB Calculus
- BC Calculus
- AP Statistics

**not offered in the 2007-08 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 2008 SIXTH SEMESTER CUMULATIVE G.P.A. DISTRIBUTION



Mean Scores for 2006-07 Subject Tests

Subject	Number	Mean	Standard Deviation
Literature	27	640	91
U.S. History	56	621	98
World History	14	663	
Math Level 1	48	639	91
Math Level 2	41	714	57
Biology — E	22	597	
Biology — M	24	642	
Chemistry	30	649	84
Physics	8	680	
Chinese—Listening	4		
French	2		
German—Listening	1		
Latin	1		
Spanish	7	544	
Spanish—Listening	3		

Niskayuna Average ACT scores – Three year trend

Year	# tested	English	Math	Reading	Science	Composite
2004-05	100	23.5	25.4	24.8	23.8	24.5
2005-06	101	25.2	26.3	26.1	24.9	25.8
2006-07	119	25.0	26.4	25.7	25.0	25.6

SAT

	25th%ile	75th%ile
Critical Reading	480	640
Math	510	660
Writing	480	630

NATIONAL MERIT SCHOLARSHIP PROGRAM

Number of Participants	268
Semifinalists	3
Letters of Commendation	17

Colleges & Universities currently attended by Niskayuna graduates:

Albany College of Pharmacy
 American University
 Amherst College
 Arizona State University
 Baptist Bible College
 Bard College
 Barnard College
 Bates College
 Bentley College
 Boston College
 Boston Conservatory
 Boston University
 Bowdoin College
 Brandeis University
 Brigham Young University
 Brown University
 Bryant College
 Bryn Mawr College
 Bucknell University
 Butler University
 California, University of
 Canisius College
 Carnegie Mellon University
 Case Western Reserve University
 Castleton College
 Cazenovia College
 Champlain College
 Chapman University
 Chester College, New England
 Chicago, University of
 Clark University
 Clarkson University
 Coastal Carolina University
 Colgate University
 Colorado, University of
 Columbia University
 Concordia University
 Connecticut, University of
 Cornell University
 Dartmouth College
 Delaware, University of
 Delaware Valley College
 Dowling College
 Drew University
 Drexel University
 Duke University
 D'Youville College
 Eastern University
 Eckerd College
 Elmira College
 Elon University
 Emerson College
 Emory University
 Endicott College
 Fairfield University
 Flagler College
 Florida, University of
 Fordham University
 Franklin Pierce College
 George Mason University
 George Washington University
 Georgetown University
 Georgia Institute/Technology
 Gettysburg College
 Gordon College
 Grinnell College
 Hamilton College

Hartford, University of
 Hartwick College
 Harvard College
 Hobart & William Smith Colleges
 Hofstra University
 Holy Cross, College of the
 Hope College
 Indiana University, Bloomington
 Ithaca College
 Jacksonville University
 James Madison University
 Johns Hopkins University
 Johnson & Wales University
 Keene State College
 Kent State University
 Kentucky, University of
 Kenyon College
 Keuka College
 King's College, NY
 Lafayette College
 Lasell College
 Lawrence University
 Lehigh University
 LeMoine College
 Loyola College
 Loyola University
 Lynn University
 Macalester College
 Maine, University of
 Manhattan College
 Marist College
 Marquette University
 Maryland Institute College of Art
 Maryland, University of
 Marymount Manhattan College
 Massachusetts College of Art
 Massachusetts College/Liberal Arts
 Massachusetts Institute/Technology
 Massachusetts, University of
 McGill University
 Methodist College
 Miami University Ohio
 Michigan, University of
 Michigan State University
 Middlebury College
 Montserrat College of Art
 Mount Ida College
 Nazareth College
 New England College
 New Hampshire Institute of Art
 New Hampshire, University of
 New Haven, University of
 New School University
 New York Institute/Technology
 New York University
 Niagara University
 North Carolina A & T University
 North Carolina State University
 North Carolina, University of
 Northeastern University
 Northwestern University
 Northwestern Ohio, University of
 Norwich University
 Notre Dame, University of
 Old Dominion University
 Oral Roberts University
 Pace University
 Pacific, University of the

Palm Beach Atlantic University
 Palm Beach College
 Pennsylvania College/Technology
 Pennsylvania State University
 Pennsylvania, University of
 Philadelphia University
 Pittsburgh, University of
 Point Park University
 Pratt Institute
 Princeton University
 Providence College
 Quinnipiac University
 Reed College
 Reinhardt College
 Rensselaer Polytechnic Institute
 Rhode Island School of Design
 Rhode Island, University of
 Richmond, University of
 Rider University
 Rochester Institute/Technology
 Rochester, University of
 Roger Williams University
 Russell Sage College
 Rutgers University
 Sacred Heart University
 Sage College of Albany
 Salve Regina University
 San Francisco Art Institute
 Sarah Lawrence
 School, Art Institute/Chicago
 Siena College
 Simmons College
 Skidmore College
 Smith College
 Southern California, University of
 St. Francis University
 St. John Fisher University
 St. John's University
 St. Joseph's College, ME
 St. Lawrence University
 St. Michael's College
 St. Mary's College, MD
 St. Olaf College
 St. Rose, College of
 Stanford University
 State University of New York, Albany
 State University of New York, Alfred
 State University of New York,
 Binghamton
 State University of New York,
 Brockport
 State University of New York, Buffalo
 State University of New York, Canton
 State University of New York,
 Cobleskill
 State University of New York, Buffalo
 State University of New York,
 Cortland
 State University of New York, Delhi
 State University of New York,
 Environmental Science & Forestry
 Fashion Institute/Technology
 State University of New York,
 Fredonia
 State University of New York, Geneseo
 State University of New York,
 Morrisville

State University of New York,
 New Paltz
 State University of New York,
 Old Westbury
 State University of New York,
 Oneonta
 State University of New York, Oswego
 State University of New York,
 Plattsburgh
 State University of New York, Potsdam
 State University of New York,
 Purchase
 State University of New York,
 Stony Brook
 Stephen F. Austin State University
 Swarthmore College
 Syracuse University
 Temple University
 Tennessee, University of
 Texas A&M University
 Toronto, University of
 Towson University
 Tufts University
 Tulane University
 U.S. Coast Guard Academy
 U.S. Military Academy – West Point
 U.S. Naval Academy
 Union College
 Vanderbilt University
 Vassar College
 Vermont, University of
 Villanova University
 Virginia Polytech & St. University
 Virginia Wesleyan College
 Wake Forest University
 Washington University, MO
 Washington, University of
 Wentworth Institute/Technology
 Wesleyan University
 West Florida, University of
 Western Connecticut State University
 Western New England College
 William & Mary, College of
 Williams College
 Wingate University
 Wisconsin, University of
 Worcester Polytechnic Institute
 Yale University

**COMMUNITY COLLEGES
 & TWO-YEAR PROGRAMS**
 Adirondack Community College
 Herkimer County Community
 College
 Hudson Valley Community College
 Mohawk Valley Community College
 Monroe County Community College
 Schenectady County Community
 College