

## Principal

Frank Sanchez

## Assistant Principal

Kevin Pfister

## Supervisors of Instruction

Patrick Brunner

Kurt Hanisch

Paul Henry

Michelle Melucci

Frank Sanchez

## Director of School Counseling

Michelle Giurlando

## School Counselors

Lorie Lewandowski

Cara Pelchat

Betsy Sullivan

David Wolfelsperger

## College Counselor

Lauren Daniell

## Counselor Emails

[mgiurlando@mlschools.org](mailto:mgiurlando@mlschools.org)

[llewandowski@mlschools.org](mailto:llewandowski@mlschools.org)

[cpelchat@mlschools.org](mailto:cpelchat@mlschools.org)

[bsullivan@mlschools.org](mailto:bsullivan@mlschools.org)

[dwolfelsperger@mlschools.org](mailto:dwolfelsperger@mlschools.org)

[ldaniell@mlschools.org](mailto:ldaniell@mlschools.org)

**CEEB: 310855**

## The School

Mountain Lakes High School is a traditional high school thirty miles west of New York City in the residential suburb of Morris County, NJ.

Mountain Lakes High School is accredited by the New Jersey Department of Education and is recognized locally and nationally as a premier educational institution. Mountain Lakes has consistently ranked as a top school district in New Jersey Monthly and U.S. News and World Report.

The success of Laker students not only lies in their academic accomplishments, but over 90% of the student body participates in extracurricular activities and community service. Individual involvement and success includes athletics, the visual arts, drama, music, school government, and community service programs. Lakers are exceptional leaders and innovators in their school and community.

## Enrollment and Faculty

- Approximately 730 students
- 191 seniors
- 78 full-time faculty members; 60 have earned advanced degrees

## Calendar, Course Credit, and Class Periods

Mountain Lakes operates a nine-period day. Most students are enrolled in up to seven courses at a time. In general, students take four to five core academic classes each year. Unique to Mountain Lakes are our laboratory periods for AP mathematics and AP science courses. These laboratory periods are in addition to the lecture period. AP mathematic courses have one (1) laboratory period a week and AP science courses have two (2) laboratory periods per week. Classes meet 40 minutes per day. Credit is awarded at the end of the course, 36 weeks for year-long courses and 18 weeks for semester courses. Full-year classes earn 5 credits and semester courses earn 2.5 credits. Health courses earn 1 credit; each quarter of Physical Education earns 1 credit. All science and AP math courses are awarded 6 credits or 7 credits, depending on the number of laboratory periods. A maximum of 45 credits can be earned during the regular school year.

Note: 5, 6, or 7 credits = Full year credit.

## 2018 Academic Honors

National Merit Semifinalist - 1

National Merit Finalist- 1

Letter of Commended Scholars - 13

National AP Scholar - 17

AP Scholars - 39

AP Scholars with Honor - 23

AP Scholars with Distinction - 57

## 2018 Graduate Profile

Two Year Colleges - 4.3%

Four Year Colleges - 89.1%

Non - US Colleges - 0.5%

Military/work/other\* - 6.1%

\*Includes Apprenticeship

Program, Gap Year, and

Career School

## Graduation Requirements

Each student must successfully complete at least 122.5 course credits and earn a minimum score in English/ Language Arts and Mathematics on a selected state approved standardized test as per the New Jersey state graduation matrix.

Department	Credits
English	20 Credits
Mathematics	15 Credits (must include Algebra 1 and Geometry)
Science	15-18 credits (must include Biology, an additional lab science including Chemistry, Environmental Science, or Physics; and a third lab/inquiry-based science course)
Social Studies	15 credits (5 credits of World History/Cultures; 10 credits of US History)
Health & Physical Education	Must complete 1 credit of Health/Driver's Education and 3 credits physical education during each year of enrollment
World Language	5 credits
Financial Literacy	2.5 credits
21st Century Life and Careers, or Career-Technical Education	5 credits
Fine Arts	5 credits

### Class of 2019 Testing Profile

SAT	MLHS	State	National
136 Test-takers			
Critical Reading	615	578	494
Mathematics	627	592	508
TOTALS	1242	1170	1160
<b>ACT (Data from Class of 2018; Update expected October 2018)</b>			
104 Test-takers			
English	26.5	22.7	20.1
Mathematics	26.1	23.3	20.6
Reading	27.0	23.5	21.3
Science	25.4	22.5	20.8
Composite	26.3	23.1	20.8

### SAT Subject Test Mean Class of 2018 (Update expected October 2018)

Section	Mean	Students Tested
Biology-Ecology	682	14
Biology-Molecular	674	7
Chemistry	633	19
Chinese with listening	800	1
French	650	3
Literature	675	6
Math Level 1	632	12
Math Level 2	719	23
Physics	644	9
Spanish	645	3
Spanish with Listening	800	1
US History	661	27
World History	635	8

**Total Index of Courses by Department**

**ENGLISH**

- [AP Language](#)
- [AP Literature](#)
- [English 9](#)
- [English 10 \(H\)](#)
- [English 11 \(H\)](#)
- [English 12 \(H\)](#)
- [Communication 9](#)
- [Communication 10](#)
- [Communication 11](#)
- [Communication 12](#)
- [English as a Second Language](#)
- [Creative Writing](#)
- [Film Study](#)
- [Digital Journalism](#)
- [Public Speaking](#)

**WORLD LANGUAGE**

- [American Sign Language 1, 2](#)
- [French 1, 2, 3 \(H\), 4 \(H\), 5](#)
- [AP French Language](#)
- [Latin 1, 2, 3/4 \(H\)](#)
- [Spanish 1, 2, 3 \(H\), 4 \(H\), 5](#)
- [AP Spanish Language](#)
- [Spanish Conversation & Culture 1, 2](#)

**MATHEMATICS**

- [Algebra](#)
- [Algebra 2 \(H\)](#)
- [Calculus](#)
- [AP Calculus AB](#)
- [AP Calculus BC](#)
- [Discrete Math & Financial Literacy](#)
- [Geometry \(H\)](#)
- [Math for Independent Living](#)
- [Honors Multivariable Calculus](#)
- [Precalculus \(H\)](#)
- [Pre-College Math](#)
- [Probability & Statistics](#)
- [AP Statistics](#)

**SCIENCE**

- [Contemporary Biology](#)
- [Biology \(H, AP\)](#)
- [Contemporary Chemistry](#)
- [Chemistry \(H, AP\)](#)
- [Environmental & Sustainability Science](#)
- [AP Environmental Science](#)
- [Earth & Space Science](#)
- [Forensic Science & Criminal Psychology](#)
- [Human Anatomy and Physiology](#)
- [Physics](#)
- [AP Physics 1](#)
- [AP Physics 2](#)
- [AP Physics C](#)

**ENTREPRENEUR PROGRAM**

- [Intro to Entrepreneurship](#)
- [Entrepreneurship 2](#)

**SOCIAL STUDIES**

- [AP Art History](#)
- [Online Economics](#)
- [AP European History](#)
- [AP Comparative Government and Politics](#)
- [AP Microeconomics](#)
- [AP Macroeconomics](#)
- [Psychology](#)
- [Psychology Seminar \(H\)](#)
- [AP US Government and Politics](#)
- [U.S. History I \(H\)](#)
- [U.S. History II \(H, AP\)](#)
- [World Cultures](#)
- [AP World History](#)

**VISUAL & PERFORMING**

- ARTS**
- [2-D Art 1 & 2](#)
- [3-D Art 1 & 2](#)
- [Advanced Art](#)
- [Advanced Drawing](#)
- [Foundations of Art](#)
- [Portfolio Development](#)
- [AP Studio Art: Drawing, 2-D, 3-D](#)
- [Concert Band](#)
- [Digital Media Arts 1 & 2](#)
- [Guitar](#)
- [Advanced Guitar](#)
- [Symphonic Band](#)
- [Music Theory](#)
- [AP Music Theory](#)
- [Chamber Choir](#)
- [Freshmen Choir](#)
- [MLHS Chorus](#)
- [String Ensemble](#)
- [Wind Ensemble](#)

**21st CENTURY SKILLS**

- [Advanced Data Structures \(H\)](#)
- [AP Computer Science](#)
- [Computer Programming 1, 2](#)
- [Graphic Design](#)
- [Multimedia](#)
- [Nutrition](#)
- [Web Design and Publishing](#)
- [Drafting and Design 1, 2, 3, 4](#)
- [Fashion and Image](#)
- [Advanced Foods](#)
- [Foreign Foods](#)

**PHYSICAL/HEALTH**

- EDUCATION**
- [Current Health Issues](#)
- [Driver Education](#)
- [Human Development](#)
- [Human Relationships](#)
- [Physical Education](#)

**ENRICHMENT COURSES**

- [Learning Strategies](#)
- [Morris County School of Technology\\*](#)

**Curriculum**

All courses offered at Mountains Lakes are exclusively college preparatory in nature. Tiered courses will be indicated by the various level offerings (Honors or AP) located next to the course title. Morris County School of Technology (Vo-Tech) offers our students a variety of curricular experiences structured as an academy model. The courses range from academic to skills experiences. Our academic programs are complemented by learning community activities, PXL and Online Academy. The high school also includes an academic program that offers services for hearing impaired students. Through this program, classes in sign language and deaf awareness have been added to the school's curriculum.

**GPA**

All courses listed on the transcript are included in the GPA calculations except Physical Education and Independent Study. GPA is calculated on a weighted 4.0 scale. Grades are calculated using the grid below:

	College Prep	Honors	AP
A+	4.3	4.8	5.3
A	4.0	4.5	5.0
A-	3.7	4.2	4.7
B+	3.3	3.8	4.3
B	3.0	3.5	4.0
B-	2.7	3.2	3.7
C+	2.3	2.8	3.3
C	2.0	2.5	3.0
C-	1.7	2.2	2.7
D+	1.3	1.3	1.3
D	1.0	1.0	1.0
D-	0.7	0.7	0.7
F	0.0	0.0	0.0

## Colleges Matriculated by the Class of 2017 and 2018

*Schools in bold typeface indicate two or more students from the graduating classes.*

University of Alabama  
**American University**  
Amherst College  
Arcadia University  
University of Arizona  
Arizona State University  
Auburn University  
Baruch College of the CUNY  
Belmont University  
Bentley University  
Bergen Community College Birmingham-Southern College  
**Boston College**  
**Boston University**  
Bowdoin College  
Brigham Young University, Idaho  
**Brown University**  
**Bucknell University**  
Caldwell University  
University of California, Davis  
**University of California, Los Angeles**  
Carnegie Mellon University  
Case Western Reserve University  
Centenary College  
Champlain College  
**University of Chicago**  
**Clemson University**  
Coastal Carolina University  
**Colby College**  
**Colgate University**  
**University of Colorado at Boulder**  
Colorado School of Mines  
**Columbia University**  
Cornell University  
**County College of Morris**  
**Dartmouth College**  
University of Delaware  
Drew University  
**Duke University**  
**Elon University**  
Emerson College  
**Emory University**  
**Fairfield University**  
**Fairleigh Dickinson University, Florham**  
Florida Institute of Technology  
University of Florida  
**Furman University**  
**Gallaudet University**  
**The George Washington University**  
Georgetown University  
Georgia Institute of Technology  
Gettysburg College  
Hartwick College  
Harvard University  
Hollins University

**High Point University**  
**College of the Holy Cross**  
**Indiana University at Bloomington**  
Ithaca College  
Jacksonville University  
**James Madison University**  
**John Hopkins University**  
Keystone College  
University of Kentucky  
**Lafayette College**  
**Lehigh University**  
Loyola University Maryland  
University of Maine  
Maine Maritime Academy  
**Marist College**  
University of Mary Washington  
University of Maryland, Baltimore County  
**University of Maryland, College Park**  
Massachusetts College of Art and Design  
**Massachusetts Institute of Technology**  
**University of Miami**  
**University of Michigan, Ann Arbor**  
Minot State University  
University of Mississippi  
Missouri State University  
**Monmouth University**  
**Montclair State University**  
Moravian College  
Muhlenberg College  
University of New Haven  
**The College of New Jersey**  
**New Jersey Institute of Technology**  
**New York University**  
University of North Carolina at Chapel Hill  
**University of North Carolina at Charlotte**  
University of North Carolina at Wilmington  
**Northeastern University**  
Oberlin College of Arts and Sciences  
Ohio University  
**Pace University, New York City**  
**Pennsylvania State University**  
**University of Pennsylvania**  
**University of Pittsburgh**  
Pratt Institute  
**Princeton University**  
Providence College  
**Purdue University**  
**Quinnipiac University**  
Ramapo College of New Jersey  
**Rensselaer Polytechnic Institute**  
**Rice University**  
University of Richmond  
**Rochester Institute of Technology**  
Rosemont College  
**Rowan University**

**Rutgers University, New Brunswick**  
**Rutgers University, Newark**  
Sacred Heart University  
Salisbury University  
**Salve Regina University**  
Sarah Lawrence College  
**Savannah College of Art & Design**  
University of Scranton  
**Seton Hall University**  
Shenandoah University  
**Skidmore College**  
**University of South Carolina**  
Southern Methodist University  
University of St Andrews  
St. Bonaventure University  
Stanford University  
State University of New York, Albany  
State University of New York, Cobleskill  
**Stevens Institute of Technology**  
Stockton University  
Stony Brook University  
**Susquehanna University**  
**Syracuse University**  
**The University of Tampa**  
Texas Christian University  
**Tufts University**  
Tulane University  
Union College  
US Naval Academy  
University of Utah  
**Vanderbilt University**  
**Vassar College**  
University of Vermont  
**Villanova University**  
**Virginia Tech**  
University of Virginia  
**Wake Forest University**  
University of Washington  
**Washington and Lee University**  
**Washington University in St. Louis**  
Wellesley College  
Wesleyan University  
West Virginia University  
Wheaton College  
**College of William and Mary**  
**University of Wisconsin, Madison**  
Wofford College  
Worcester Polytechnic Institute  
Yale University

Mountain Lakes High School is a member of the National Association of College Admissions Counseling (NACAC) and complies with the Statement of Principles of Good Admissions Practice. Mountain Lakes High School is a member of College Board.