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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 725 students
- 165 seniors
- 71 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 mathematics 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.

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

2019 Academic Honors

National Merit Commended Scholars - 19

National AP Scholar - 14

AP Scholars - 29

AP Scholars with Honor - 21

AP Scholars with Distinction

2019 Graduate Profile

Two Year Colleges - 7%

Four Year Colleges - 88.2%

Military/work/other*- 4.35%

*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
142 Test-takers			
EBWR	602	580	531
Mathematics	611	593	528
TOTALS	1213	1173	1059
ACT (Class of 2018; data for Class of 2019 available in October 2019)			
104 Test-takers			
English	26.9	23.8	20.2
Mathematics	26.1	23.6	20.5
Reading	26.1	24	21.3
Science	25.7	23	20.7
Composite	26.3	23.7	20.8

SAT Subject Test Mean

Section	Mean	Students Tested
Biology-Ecology	677	16
Biology-Molecular	703	8
Chemistry	723	12
French	750	1
Japanese w/Listening	560	1
Literature	670	13
Math Level 1	688	16
Math Level 2	741	41
Physics	675	13
Spanish	605	6
US History	685	18
World History	631	7

Total Index of Courses by Department

ENGLISH

AP Language
 AP Literature
 AP Seminar
 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)
 AP Latin
 Spanish 1, 2, 3 (H), 4 (H), 5
 AP Spanish Language
 Spanish Conversation & Culture 1, 2

MATHEMATICS

Algebra
 Algebra 2 (H)
 Applications of Math/Fin Lit
 Calculus
 AP Calculus AB
 AP Calculus BC
 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
 Honors Entrepreneurship 3

SOCIAL STUDIES

AP Art History
 AP European History
 AP Comparative Government and Politics
 AP Microeconomics
 AP Macroeconomics
 Online Economics
 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
 Foundations of Art
 Art Portfolio Development
 AP Studio Art: Drawing, 2-D, 3-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 Matriculation for the Classes of 2018 and 2019

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

University of Alabama
American University
Amherst College
 Arcadia University
Arizona State University
 University of the Arts London
Auburn University
 Belmont University
 Bergen Community College
 Berklee College of Music
 Bloomsburg University of Pennsylvania
Boston College
Boston University
 Bowdoin College
Brown University
Bucknell University
 Caldwell University
 University of California, San Diego
 Carnegie Mellon University
 Case Western Reserve University
 Centenary College
 Champlain College
 College of Charleston
University of Chicago
Clemson University
 Coastal Carolina University
 Colby College
 Colby-Sawyer College
Colgate University
University of Colorado at Boulder
 Colorado College
 Colorado School of Mines
 Concordia University-Seward
 University of Connecticut
 Cornell University
County College of Morris
Dartmouth College
 Davidson College
 Delaware Valley University
Dickinson College
 Drew University
Duke University
 East Stroudsburg University of Pennsylvania
Elon University
Emerson College
Emory University
Fairfield University
 Fairleigh Dickinson University, Metropolitan Campus
 Fashion Institute of Technology
 Florida Institute of Technology
 University of Florida
Furman University
Gallaudet University
The George Washington University
 Georgetown University
 Georgia Institute of Technology
 Gettysburg College
 Haverford College

Hobart and William Smith Colleges
 Hollins University
College of the Holy Cross
Indiana University at Bloomington
 Iowa State University
 Ithaca College
James Madison University
 Jefferson University
John Hopkins University
 Kean University
Lafayette College
Lehigh University
Loyola University Chicago
 Loyola University Maryland
 University of Maine
 Maine Maritime Academy
 Maine College of Art
Marist College
 University of Maryland, Baltimore County
 Massachusetts Institute College of Art
Massachusetts Institute of Technology
 McGill University
University of Miami
Michigan State University
University of Michigan, Ann Arbor
 Middlebury College
 Minot State University
 Missouri State University
Monmouth University
Montclair State University
 Moravian College
Muhlenberg College
 University of Nebraska at Omaha
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
 University of Notre Dame
Pace University, New York City
Pennsylvania State University
University of Pennsylvania
University of Pittsburgh
Princeton University
 Providence College
Purdue University
Quinnipiac University
Ramapo College of New Jersey
Rensselaer Polytechnic Institute
 Rhodes College
 Rice University
 University of Richmond
Rochester Institute of Technology
Rowan University
Rutgers University, New Brunswick
Rutgers University, Newark

Sacred Heart University
 Salisbury University
 Salve Regina University
 Savannah College of Art & Design
University of Scranton
 Seton Hall University
 Shenandoah University
 Skidmore College
 University of South Carolina
 Southern Methodist University
 Springfield College
 University of St Andrews
 St. Bonaventure University
 Stanford University
Stevens Institute of Technology
 Stevenson University
Stockton University
 Stony Brook University
 Susquehanna University
Syracuse University
The University of Tampa
 Temple University
 Texas Christian University
 Trinity College
Tufts University
Tulane University
Union County College
 US Merchant Marine Academy
 US Military Academy - Army
University of Vermont
Villanova University
University of Virginia
Virginia Tech
Wake Forest University
 University of Washington
Washington and Lee University
Washington University in St. Louis
 Wesleyan University
West Virginia University
 Wheaton College
 William Paterson University of New Jersey
 Williams College
 University of Wisconsin, Madison
 Worcester Polytechnic Institute

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.