Mountain Lakes High School

School Profile

**96 Powerville Road
Mountain Lakes, NJ 07046**

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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 600 students; 170 seniors
- 76 full-time faculty members; over 80% have earned advanced degrees

Calendar, Course Credit, and Class Periods

Mountain Lakes operates in a rotating drop block schedule. Most students are enrolled in up to seven courses at a time. In general, students take four to five core academic classes each year. Classes meet 54 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. Each quarter of Physical Education/Health earns 1.25 credits.

2022 Academic Honors

National Merit Semifinalists – 3*
National Merit Commended Scholars – 13*
AP Scholars – 42*
AP Scholars with Honor – 22*
AP Scholars with Distinction – 78*
AP Capstone Diploma – 26*
AP Seminar and Research Certif. – 9*

*These include Academy for Biotechnology students

2022 Graduate Profile

Four Year Colleges – 89.02%
Two Year Colleges – 6.36%
Employment – 2.89%
Other* – 1.73%

Includes military, gap year, and technical education

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 1.25 credit of Health/Driver's Education and 3.75 credits PE each year
World Language	5 credits
Financial Literacy	2.5 credits
21st Century Life and Careers, or Career-Technical Education	5 credits
Fine Arts	5 credits

Testing Averages: 2021-2022

SAT	MLHS	State	National
ERW	623	562	528
Mathematics	618	563	523
Total	1241	1125	1051
ACT			
English	27.2	25.3	20.3
Mathematics	24.5	24.7	19.6
Reading	27.3	25.7	20.9
Science	26.0	24.4	20.4
Composite	26.4	25.1	20.3

Total Index of Courses by Department

ENGLISH
AP Language
AP Literature
AP Seminar
AP Research
English 9
English 10 (H)
English 11 (H)
English 12 (H)
Communication 9-12
English as a Second Language
Creative Writing and Spoken Word
Film Studies*
Public Speaking*
Journalism in the Digital Age

WORLD LANGUAGE
American Sign Language 1, 2, 3
French 1, 2, 3 (H), 4 (H), 5
AP French Language
Latin 1, 2 Hon, 3/4 (H)
Spanish 1, 2, 3 (H), 4 (H), 5
AP Spanish Language
Spanish Conversation & Culture 1, 2

MATHEMATICS
Algebra
Algebra 2 (H)
Applications of Math with 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
Astronomy

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 Hon *
Physics
Physics & Concepts
AP Physics 1
AP Physics 2
AP Physics C

ENTREPRENEUR PROGRAM
Intro to Business
Business Management
Entrepreneurship (H)*
Digital Marketing (H)
Sports and Entertainment Management (H)
Online Economics Seminar

SOCIAL STUDIES
AP Art History
AP European History
AP US Government
AP Microeconomics
AP Macroeconomics
Online Economics
Psychology/Human Behavior
Criminal Justice System Hon *
Holocaust & Genocide Hon
Legends,Myths & Folklore in Hist
Personal & Business Law
Philosophy Honors *
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
Concert Band
Digital Media Arts 1 & 2
Guitar
Symphonic Band
Music Production
Music Theory 1
AP Music Theory
Chamber Choir
Freshmen Choir
MLHS Choir
String Ensemble
Wind Ensemble
Chamber Orchestra

21st CENTURY SKILLS
Advanced Data Structures (H)
AP Computer Science
AP Computer Science Principles
Honors Advanced Data Structures*
Computer Programming 1, 2
Graphic Design
Multimedia
Nutrition
Web Design and Publishing
Engineering and Design 1, 2, 3, 4
Robotics
Fashion and Image
Advanced Foods
Global Cuisine

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

*Indicates Dual Enrollment : Seton Hall University Project Acceleration

College Matriculation 2020-2022

The University of Alabama
Amherst College
Auburn Universit
Bentley University
Bergen Community College
Binghamton University
Boston College
Boston University
Bowdoin College
Brigham Young University-Provo
Brown University
Bryant University
Bucknell University
Bucks County Community College
University of California-Santa Barbara
University of California-Santa Cruz
Carnegie Mellon University
Case Western Reserve University
Centenary University
Central Connecticut State Univ
Chapman University
University of Chicago
Christopher Newport University
Clemson University
Colgate University
College of Charleston
College of the Holy Cross
University of Colorado Boulder
Colorado State University
Columbia University
University of Connecticut
Cornell University
County College of Morris
Dartmouth College
University of Delaware
Delaware Valley University
Denison University
Dickinson College
Drew University
Drexel University
Duke University
Eastern University
Elon University
Embry-Riddle Aeronautical Univ
Emerson College
Fairfield University
Fairleigh Dickinson University
Fashion Institute of Technology
University of Florida
Florida Atlantic University
Florida Gulf Coast University
Florida International University
Florida State University
Fordham University
Franklin and Marshall College

Gallaudet University
George Washington University
Georgetown University
University of Georgia
Georgia Institute of Technology
Gettysburg College
Gonzaga University
Gordon College
University of Hartford
Haverford College
University of Hawaii
High Point University
Hillsborough Community College
Hobart William Smith Colleges
Indiana University-Bloomington
University of Illinois-Urbana-Champaign
Iona University
Ithaca College
James Madison University
Johns Hopkins University
King's College
Lafayette College
Lebanon Valley College
Lehigh University
Loyola University Chicago
Loyola University Maryland
Lycoming College
University of Maine
Marist College
University of Mary Washington
University of Maryland
University Massachusetts-Amherst
McGill University
University of Miami
University of Michigan
Michigan State University
Middlesex College
University of Mississippi
Monmouth University
Montclair State University
Moravian University
The New School
University of New Hampshire
University of New Haven
The College of New Jersey
New Jersey Institute of Tech.
New York University
University of North Carolina at Charlotte
University of North Carolina Wilmington
Northeastern University
Northwestern University
University of Notre Dame
Nova Southeastern University
Oberlin College

Ohio State University
Orange Coast College
Oregon State University
Pellissippi State Comm College
University of Pennsylvania
Pennsylvania State University
University of Pittsburgh
Pitzer College
Plymouth State University
Pomona College
Pratt Institute-Main
Princeton University
Providence College
Purdue University
Quinnipiac University
Ramapo College of New Jersey
Rensselaer Polytechnic Institute
University of Rhode Island
University of Richmond
Rider University
University of Rochester
Rochester Institute of Technology
Roger Williams University
Rollins College
Rosemont College
Rowan University
Rutgers University-New Brunswick
Rutgers University-Newark
Sacred Heart University
Saint Elizabeth University
Salisbury University
San Diego State University
Santa Clara University
University of Scranton
Seton Hall University
Skidmore College
University of South Carolina-Columbia
University of Southern California
Southern Methodist University
University of St Andrews
St Olaf College
University of the Sciences
Stevens Institute of Technology
Stevenson University
Susquehanna University
Swarthmore College
Syracuse University
University of Tampa
Temple University
University of Tennessee-Knoxville
Texas Christian University
University of Toronto
Tri-County Technical College
Tufts University
Tulane University of Louisiana

Union College (NY)
United States Coast Guard Academy
Universal Technical Institute
University of Utah
Valor Christian College
Vanderbilt University
Vassar College
University of Vermont
Villanova University
University of Virginia-
Virginia Polytechnic Institute and State University
Wake Forest University
University of Washington-Seattle
Washington and Lee University
Washington College
Washington University in St Louis
Wellesley College
Wesleyan University
Western New England University
William & Mary
William Paterson University of NJ
Williams College
University of Wisconsin-Madison
Worcester Polytechnic Institute