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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 lies both in their academic accomplishments and participation 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 568 students; 150 seniors
- 69 full-time faculty members; 75% 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, 40 weeks for year-long courses and 20 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.

2024 Academic Honors

National Merit Finalists - 3
National Merit Commended Scholars - 14
AP Scholars - 41
AP Scholars with Honor - 17
AP Scholars with Distinction – 68
AP International Diploma – 1
AP Capstone Diploma – 18
AP Seminar and Research Certificate – 11

2024 Graduate Profile

Four Year Colleges – 86.8%
Two Year Colleges – 8.0%
Technical Education – 2.0%
Employment – 2.0%
Other* – 1.2%

**Includes military and gap year.*

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: 2023-2024

SAT	MLHS	State	National
EBWR	640	538	520
Mathematics	636	528	508
Total	1276	1066	1028
ACT			
English	25.5	24.9	19.0
Mathematics	24.9	23.9	19.4
Reading	26.2	25.1	20.5
Science	25.6	24	20.0
Composite	25.5	24.6	19.9



Courses by Department

ENGLISH

AP Language & Composition
AP Literature & Composition
AP Seminar
AP Research
Communications 9
Communications 10
Communications 11
Communications 12
Creative Writing
English 9
English 10 (H)
English 11 (H)
English 12 (H)
English as a Second Language
Film Studies
Journalism in the Digital Age
Public Speaking

MATHEMATICS

AP Calculus AB
AP Calculus BC
AP Statistics
Algebra 1 (H)
Algebra 2 (H)
Applications of Math/Fin Lit
Calculus
Geometry (H)
Math for Independent Living
Multivariable Calculus (H)
Precalculus (H)
Probability & Statistics

SCIENCE

AP Environmental Science
AP Physics 1
AP Physics 2
AP Physics C
Astronomy
Biology (H, AP)
Chemistry (H, AP)
Contemporary Biology
Contemporary Chemistry
Earth & Space Science
Environmental & Sustainability Science
Forensic Science (H)
Forensic Science & Criminal Psychology
Human Anatomy and Physiology (H)
Physics
Physics & Concepts

WORLD LANGUAGE

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

BUSINESS

Introduction of Business
Business Management
Digital Marketing (H)
Entrepreneurship (H)
Sports & Entertainment Management (H)

SOCIAL STUDIES

AP Art History
AP European History
AP Microeconomics
AP Macroeconomics
AP US Government and Politics
AP US History 2
AP World History: Modern
Criminal Justice (H)
Holocaust & Genocide (H)
Legends, Myths, and Folklore
Online Economics
Personal & Business Law
Philosophy (H)
Psychology & Human Behavior
U.S. History 1 (H)
U.S. History 2 (H)
World Cultures

VISUAL & PERFORMING

ARTS

AP Music Theory
AP Studio Art: Drawing, 2-D, 3-D
2-D Art: Drawing & Painting
3-D Design & Ceramics
Art Portfolio Development (H)
Chamber Choir (H)
Chamber Orchestra (H)
Choir
Concert Band
Contemporary Crafts
Digital Media Arts and Design
Foundations of Art
Freshmen Choir
Symphonic Band (H)
Wind Ensemble (H)

21st CENTURY SKILLS

AP Computer Science A
AP Computer Science Principles
Advanced Data Structures (H)
Advanced Foods
Aviation & Aerospace
Computer Programming 1, 2
Engineering 1, 2, 3, 4
Fashion and Image
Global Cuisine
Graphic Design
Nutrition
Robotics

*Varied Morris County
School of Technology Courses

PHYSICAL/HEALTH

EDUCATION

Current Health Issues
Driver Education
Human Development
Human Relationships
Physical Education 9, 10, 11, 12

ENRICHMENT COURSES

Learning Strategies
Reading Strategies

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 that are complemented by learning community activities. 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

College & University Matriculation for the Class of 2024

Auburn University	Lehigh University	The George Washington Univ.
Boston College	Lincoln Technical Institute	The Royal Conserv. of Music
Boston University	Monmouth University	The Univ. of British Columbia
Brigham Young University	Montclair State University	The University of Tampa
Brown University	Nazareth University	Tufts University
Bryant University	NJ Institute of Technology	University of Albany
Clemson University	New York University	University of Arizona
Coastal Carolina University	Northeastern University	University of Colorado
College of the Holy Cross	Ohio State University	University of Delaware
Columbia University	Pace University	University of Florida
Cornell University	Pennsylvania State University	University of Hawaii
County College of Morris	Princeton University	University of Illinois
Dartmouth College	Providence College	University of Lynchburg
Duke University	Rensselaer Polytechnic Inst.	University of Maryland
Eckerd College	Rhodes College	University of Miami
Embry-Riddle Aeronautical U	Rollins College	University of Michigan
Emory University	Rutgers University	University of Notre Dame
Florida Gulf Coast University	Rutgers University - Newark	University of Oregon
Florida State University	Sacred Heart University	University of Pennsylvania
Fordham University	School of Visual Arts	University of Pittsburgh
Gettysburg College	Seton Hall University	University of Rhode Island
Hamilton College	Smith College	University of South Carolina
Harvard University	South Dakota Sch.of M&T	University of South Florida
High Point University	Springfield College	University of Virginia
Indiana University	Stevens Institute of Tech.	University of Wisconsin
Istituto Marangoni, Milano	SUNY at Purchase College	Vassar College
Jacksonville University	Syracuse University	Virginia Tech
Kenyon College	The College of New Jersey	Widener University
L3Harris Flight Academy	The College of Wooster	Worcester Polytechnic Institute