



FREEDOM HIGH SCHOOL (CEEB/ACT CODE: 472-110)
25450 Riding Center Drive, South Riding Virginia
Neelum Chaudhry, Principal Ken Christopher, Director of School Counseling

SCHOOL/COMMUNITY INFORMATION Freedom High School is a comprehensive public high school for grades 9-12. Opened in 2005, Freedom High School is located in Loudoun County Virginia; a suburban community 40 miles from Washington D.C. Loudoun County continues to be one of the fastest growing counties in the nation. Of our 1,902 students, 501 are members of the senior class. Freedom High School is accredited by the Southern Association of Colleges and Secondary Schools and the Virginia Board of Education, Freedom High School is a member of the National Association of College Admission counselors and complies with the NCAC Statement of Principles and Good Practice. Freedom High School is also a Recognized ASCA Model Program School.

POST-HIGH SCHOOL EDUCATION PLANS: Class of 2024

4-year College	86 %
2-year College	10%
Other Education	1 %
Military	1 %
Work	2 %

SAT MEAN SCORES

	COMPOSITE	ERW	Math
National	1058	536	522
Virginia	1117	569	548
FHS	1213	611	603

ACT MEAN SCORES

National 20.0 Virginia 24.6 FHS 29.0

GRADING SYSTEM- Grade, Range, Quality Points

A+ 98 - 100	4.3	C+ 77 - 79	2.3
A 93 - 97	4.0	C 73 - 76	2.0
A- 90 - 92	3.7	C - 70 - 72	1.7
B+ 87 - 89	3.3	D+ 67 - 69	1.3
B 83 - 86	3.0	D 63 - 66	1.0
B- 80 - 82	2.7	D- 60 - 62	0.7
		F 59 - 0	0.0

G = Ungraded P = Passed N = Not Passed I = Incomplete

GRADE DISTRIBUTION-CLASS OF 2024

A = 26% B = 50% C = 21% D = 3% F = xx

GRADUATION REQUIREMENTS

Advanced Studies Diploma Required Units

English 4
Math 4
Science 4
Social Science 4 World Languages
3 of one or 2 each of 2 languages 3-4 Health & Physical Education 2
Fine Art or Career/Technical Education 1 Economics/Personal Finance 1
Electives 3

Total Credits (5 verified units of credit) 26

Standard Diploma Required Units

English 4
Math 3
Science 3
Social Science 3
Health and Physical Education 2
World language, Fine Art or Economics/Personal Finance 2 Economic/Personal
Finance 1
Electives 4

Total Credits (5 verified units of credit) 22

ADVANCED PLACEMENT (AP) CLASSES - Contains at least first-year college level work. AP courses receive a weight of 1.0

Science – Biology, Chemistry, Physics C

English – Language & Composition, Literature & Composition

Fine Arts – Studio Art, Music Theory

Foreign Language – French, German, Latin, Spanish

Math – Precalculus, Calculus AB, Calculus BC, Computer Science A, Computer Science Principles, Statistics

Social Science – Human Geography, Micro/Macro Economics, Psychology, U.S. Government, U.S. History, World History

Other – Seminar, Research

DUAL ENROLLMENT COURSES- Students may select from classes at Northern Virginia Community College or other area colleges to earn both college and high school credits. Dual enrollment classes earn a weight of 1.0.

English 12 DE ASL IV DE
US History DE AP Chemistry DE
Physics DEIndependent Science Research
DE Geo-Spatial Science DE Teacher
Teacher Cadet DE

HONORS CLASSES -Most rigorous; exceeds grade level norms. Honors courses receive a weight of 0.5.

English- English 9, 10, 11

World Language- French IV/V, German IV/V, Spanish IV/V

Math- Algebra II/Trig, Mathematical Analysis

Music- Band, Chorus, Guitar, Orchestra

Science- Biology, Earth Science, Chemistry

Social Science- Pre-AP World History/Geography

SPECIALIZED CURRICULUM/PROGRAMS

Academy of Science (AOS) – The LCPS Academy of Science offers an extremely rigorous integrated math and science program for students selected through a competitive admissions process. AOS classes receive a weight of .5.

Academy of Engineering and Technology (AET) – This is an integrated program for students with a strong STEM focus. Students are selected through a competitive admissions process. AET classes receive a weight of .5.

Monroe Advanced Technical Academy – Offers advanced technical training to LCPS students, including industry-standard certifications and licensure, as well as college credit through articulation agreements.

Virtual High School (V) – Courses that are taken online.

School Counselor Alpha-Assigned Name

Counselor	Student Last Name
Irene Lee	A-BUR 9-11, A-BOT KH-KIM 12th
Cristi Goldberg	BUS-FE 9-11, BOU-DO KIR-KUL 12th
Celia Benz	FI-JOHN 9-11, DR-HAL KUM-LE 12th
Darlene Adu-Gyamfi	JONES-MAS 9-11, HAM-KE LI-LON 12th
Colleen Hurley	MAT-NG 9-11, LOP-MAD 12th
Lauren Arjes	NH-RIC 9-11, NH-RIC MAI-MC 12th
Dave Paganin	RID-TEP 9-11, ROG-TAY 12th
Bryan Mosher	TER-Z 9-11, TCH-Z 12th

**LOUDOUN COUNTY PUBLIC SCHOOLS
NOTICE OF CONFIDENTIALITY OF RELEASED STUDENT RECORDS**

The attached scholastic records are released to you under allowable provisions of Public Law 93-380 Section 438 on the condition that you will not permit any other party to have access to these records or will not release the information contained therein in personally identifiable form to any other party without written consent of the student (if 18 years of age or older or attending an institution of post-secondary education) or the parents of the student (if under 18 years of age and not attending an institution of post-secondary education).



Loudoun County Public Schools
School Counseling Services
21000 Education Court
Ashburn, VA 20140
571.252.2048

School Counseling Supervisor
Heather Ross M.Ed.

School Counseling Coordinator
Tracy Wood M.Ed.

Loudoun County, located in the Commonwealth of Virginia, boasts a population of approximately 432,085 making it Virginia's third-most populous county. Nestled within the Washington, D.C. metropolitan area, Loudoun County is renowned for its diverse community and vibrant economy. As one of the fastest-growing counties in the United States, Loudoun County embraces innovation and technological advancements while maintaining its rural allure. Geographically, it is bounded on the north by the Potomac River; the south by Prince William and Fauquier Counties, on the west by the Blue Ridge Mountains; and on the east, by Fairfax County. It is the home of seven colleges and universities.

Loudoun County Public Schools

Elementary Schools (K-5, including two charter)	62
Middle Schools (6-8)	18
High Schools (9-12)	18
Program Schools (TNSS, VDL/VL, ACL)	3
Total Student Population	82,266

Demographic Information

American Indian	0.7%	Asian	26.5%
Black/African American	7.3%	Hispanic	19.7%
Pacific Islander	0.2%	Two or more	6.0%
White	39.7%	English Learner	13.5%
Economically Disadvantaged	23.1%	Students with Disabilities	12.2%

Loudoun County Public Schools offers a robust selection of courses including regular, honors, advanced placement, dual enrollment, special education, and courses for English Learners. Please see the [2024-2025 Program of Studies](#) for more information.

GPA Calculation and Latin Honors

Grade point average includes all classes for which high school credit bearing courses were earned or could have been earned. Advanced Placement, Dual Enrollment, and International Baccalaureate classes are given a weight at 1.0. High school Honors classes are weighted at 0.5. *Beginning with the class of 2025, Loudoun County Public school will utilize the Latin Honors system to acknowledge student achievement, with distinctions including Summa Cum Laude (Top 5%), Magna Cum Laude (Top 10%), and Cum Laude (Top 20%).*

Grading Scale

A+	98-100	4.3	C	73-76	2.0
A	93-97	4.0	C-	70-72	1.7
A-	90-92	3.7	D+	67-69	1.3
B+	87-89	3.3	D	63-66	1.0
B	83-86	3.0	D-	60-62	0.7
B-	80-82	2.7	F	0-59	0.0
C+	77-79	2.3			

X = Exempt, G = Ungraded, P = Passed, N = Not Passed,

I = Incomplete, WP = Withdrawn Passing, WF = Withdrawn Failing

Diplomas Awarded, Class of 2024

Advanced Studies	77%
Standard and Other Diplomas	22%
GED, Certificates and Other Non-Grads	1%

Past High School Graduation Class of 2024

4-year college	74%	2-year college	15%
Other education	2%	Military	1%
Employment/Gap Year	8%		

SAT/ACT MEAN SCORES, Class of 2023 (2024 test scores not available)

	ERW	Math	ACT Composite Score
National	520	508	19.5
Virginia	569	544	24.6
LCPS	596	577	25.3

Class of 2024 Scholarship Information

Total offered:	\$46,222,605
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Graduation Requirements for students who entered 9th grade in 2018-2019 and beyond

Advanced Studies Diploma	Required Units
English	4
Math	4
Social Sciences	4
Laboratory Science	4
World Language	3
Health and Physical Education	2
Fine Art or CTE	1
Economics & Personal Finance	1
Electives	3
Total Credits (5 verified units of credit)	26

Standard Diploma	Required Units
English	4
Math	3
Social Science	3
Laboratory Science	3
Health and Physical Education	2
World Language, Fine Art or CTE	2
Economics & Personal Finance	1
Electives	4
Total Credits (5 verified units of credit)	22

Special Programs:

The North Star School (TNSS): TNSS, located in Leesburg, VA, opened in 2021-2022 and serves high school students throughout Loudoun County Public Schools. TNSS is an alternative education program specially designed for high school students who need an accelerated pathway to meet on-time graduation. TNSS students LCPS students are concurrently enrolled at their home high schools. TNSS offers students both an Academic Program and an ISAEP (GED) program. The Academic Program is based on a 4x4 schedule where students complete four year long courses in Term 1 and 4 year long courses in Term 2. The average student/teacher ratio is 10:1.

Virtual Distance Learning (VDL): VDL is an online learning program open to grades 1-12 within Loudoun County Public Schools that offers synchronous, daily instructions via Google Meet & Schoology. Students enrolled in Virtual Loudoun Distance Learning complete all coursework through virtual learning management system, without attending a brick-and-mortar school in person.

Academies of Loudoun (ACL): ACL offers courses through the following programs: Academy of Science, Academy of Engineering and Technology and Monroe Advanced Technical Academy.

International Baccalaureate (IB): LCPS currently has two (IB) World Schools, Loudoun Valley High School and Heritage High School, which offer the IB Diploma Program (DP). The LCPS Pre-IB program started in the 2023-2024 school year.

Health and Medical Sciences (HAMSci) Academy: The HAMSci Academy began in the 2024-2025 school year with enrollment for 9th grade students. The HamSci Academy is designed to expand learning opportunities for students in health science literacy through a curriculum that develops critical thinking skills coupled with industry credentials preparing students for skilled healthcare workforce careers. There are two potential pathways (Biomedical Sciences or Biomedical Sciences & Language of Medicine) in the HAMSci Academy, both of which are four-year programs starting in 9th Grade.



ACADEMIES OF LOUDOUN
 42075 Loudoun Academy Drive, Leesburg, Virginia 20175
 Phone: 571-252-1980
 Dr. Tinell Priddy, Principal
 www.lcps.org/acl
 CEEB Code: 472015



The Academies of Loudoun is a STEM magnet high school (grades 9-12) in the Loudoun County Public School system. Located in Leesburg, Virginia, 33 miles northwest of Washington, DC, the Academies of Loudoun is one school community that offers three advanced academic curricular programs. The Academy of Engineering & Technology (AET) curricular program provides students the opportunity for deep, rigorous learning and research in engineering, information technology/computer science, and entrepreneurship. The Academy of Science (AOS) curricular program provides an opportunity for students to engage in mathematics, science, and research which promotes innovation, problem-solving, and collaboration. The Monroe Advanced Technical Academy (MATA) program, a Governor's STEM Academy, provides significant and relevant learning in Career & Technical Education (CTE) which allows students to explore and innovate while preparing for 21st century college and careers (26 pathway options). LCPS high schools are accredited by Cognia Global Commission and the Virginia Board of Education. The Academies of Loudoun is a member of the National Association of College Admission Counselors (NACAC) and complies with the NACAC Code of Ethics and Professional Practices. The Academies of Loudoun is also a member of the National Consortium of Secondary STEM Schools (NCSSS).

STUDENT POPULATION 2024-2025

9th Grade	300
10th Grade	317
11th Grade	737
12th Grade	823
Total	2176

POST-HIGH SCHOOL EDUCATION PLANS CLASS OF 2024

	AET	AOS	MATA
4-year College	98%	99%	74%
2-year College	< 1%	< 1%	11%
Other Education	< 1%		5%
Military			< 1%
Work			7%

SAT MEAN SCORES 2023	Total	ERW	Math	LCPS Total
AET	1457	713	744	1174
AOS	1486	722	764	596
MATA	1199	610	589	577

ACT MEAN SCORES 2023	Composite Score	LCPS Composite
AET	31	25
AOS	33	
MATA	26	

ENROLLMENT BY ETHNICITY/RACE

Asian	49%	Multi-racial	4%
Black/African-American	5%	White	31%
Hispanic	10%	Other	< 1%

ECONOMICALLY DISADVANTAGED

Yes	12%	No	88%
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ADMISSIONS

Students are offered admissions through a highly competitive process. Students and their parents/guardians must be residents of Loudoun County at the time of their application and while enrolled in ACL. Students are selected on the basis of a review of their application, test scores, transcript and admissions assessments. Student motivation and a passion for STEM are some of most valuable characteristics of successful applicants. Highly motivated students who are consistent, dedicated learners have the greatest chance of success.

AP COURSES OFFERED 2024-2025

Mathematics	Calculus AB, Calculus BC, Computer Science, Precalculus, Statistics
Science	Biology, Chemistry, Physics, Environmental Science

DUAL ENROLLMENT COURSES 2024-2025

AET Entrepreneurship II	MATA Radiology Technology I
MATA Biomedical Technology I	MATA Welding I, II, III
MATA Certified Nurse Aide I, II	
MATA CISCO I, II, III, IV	
MATA Cybersecurity I, II	
MATA Environmental Plant Science	
MATA Introduction to Health & Medical Science	
MATA Medical Lab Technology I, II	

HONORS COURSES 2024-2025

*All AET and AOS courses are honors level courses or above, AP or DE.

MATA Honors Courses:

Administration of Justice I, II, Computer & Digital Animation I, Computer Integrated Engineering & Design I, II, Emergency Medical Technology I, II, Pharmacy Technology I, II, Radiology Technology II.

SPECIAL CURRICULUM FEATURES

History & Mission - The mission of the Academies of Loudoun is to empower students to explore, research, collaborate, innovate, and to make meaningful contributions to the world in the fields of science, technology, engineering and mathematics.

The Academy of Engineering & Technology (AET) program (established in 2016) strives to provide academic STEM (Science, Technology, Engineering and Mathematics) pathways for students to engage in the study of engineering, information technology, and entrepreneurship and develop their creative and enterprising capacities while engaging in multiple engineering and research projects.

The Academy of Science (AOS) program (established in 2005) strives to provide students the opportunity to deeply engage in mathematics, science, and research, to promote creativity and innovation through problem solving and collaboration.

The Monroe Advanced Technical Academy (MATA) program, a Virginia Governor's STEM Academy, (originally established in 1978) strives to provide significant and relevant learning in Career & Technical Education (CTE) which allows students to explore and innovate while preparing for 21st century college and careers. Many of these courses are dual enrolled with Northern Virginia Community College, and all courses involve industry certification, licensing or credential exams.

Advanced Placement (AP) - Contains at least first year college level work. Students may receive college credit from post-secondary institutions through completion of AP exams. AP courses receive a weight of 1.0.

Dual Enrollment (DE) - Students may select from classes at Northern Virginia Community College or other colleges to earn both college and high school credits. Dual Enrollment courses receive a weight of 1.0.

Honors (H) - Highly rigorous; exceeds grade level norms. Honors courses receive a weight of .5.

*AET & AOS Multivariable Calculus courses are considered post-AP courses and receive a weighting of 1.0.

TOP COLLEGES ATTENDED BY 2024 GRADUATES

AET	AOS	MATA
U of Virginia	U of Virginia	U of Virginia
Virginia Tech	Virginia Commonwealth U	Virginia Commonwealth U
Georgia Institute of Technology	U of Maryland - College Park	George Mason U
George Mason U	Virginia Tech	Virginia Tech
U of Maryland - College Park	Georgia Institute of Technology	Northern Virginia CC
Penn State U - Main	Drexel U	James Madison U
Purdue U	Johns Hopkins U	Brigham Young U
Carnegie Mellon U	U of California - Los Angeles	Penn State U
U of Pennsylvania	Purdue U	College of William & Mary
Virginia Commonwealth U	Duke U	Shenandoah U

AWARDS AND DISTINCTIONS

National Merit Semi-Finalists: 41

Merit Based Scholarship Awards: \$11,000,000

Industry Certifications: 3,025 Certifications/68 Disciplines

COUNSELORS

Amy Burgess, Director of School Counseling
 Clark (Jack) Madden, Counselor
 Maria Porto, Counselor
 Andrew Tafaro, Counselor
 Michelle Trudel, Counselor

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