



Freedom High School
25450 Riding Center Drive - South Riding, VA 20152
CEEB/ACT CODE: 472-110

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 2,004 students, 502 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 compiles 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 2022	
4-year College	82.7 %
2-year College	9.9 %
Other Education	1.8 %
Military	1.8 %
Work	1.8 %

SAT MEAN SCORES

	COMPOSITE	EBRW	Math
National	1105	560	547
Virginia	1124	572	552
FHS	1204	606	598

ACT MEAN SCORES

National	21	Virginia	24.4	FHS	26
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GRADING SYSTEM- Grade, Range, Quality

A+	98 – 100	4.3	C+	77 – 79	2.3
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	59 – 0	0.0

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

GRADE DISTRIBUTION

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, Environmental
- English** – Language & Composition, Literature & Composition
- Fine Arts** – Studio Art, Music Theory
- Foreign Language** – French, German, Latin, Spanish
- Math** – Calculus AB, Calculus BC, Computer Science A, Statistics
- Social Science** – Human Geography, Micro-Economics, 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 DE Independent Science Research DE
- Geo-Spatial Science DE Teacher Cadet DE
- French V DE German V DE
- Advanced Computer Information Systems DE

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

- English** – English 9, 10, 11
- Foreign Language** – French IV/V, German IV/V, Latin IV/V, Spanish IV/V
- Math** – Algebra II/Trigonometry, 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 (MATA) – 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 by Student Last Name

Kenneth Christopher DIRECTOR OF SCHOOL COUNSELING

<u>Counselor Name</u>	<u>Student Last Name</u>
Irene Lee	A-BOT
Cristi Goldberg	BOU-DO
Celia Benz	DR-HAL
Darlene Adu-Gyamfi	HAM-KE
Pablo Barrios	KH-MC
Colleen Hurley	ME-NG
Lauren Arjes	NH-ROC
Dave Paganin	ROG-TAY
LaQuesia Wright	TCH-Z

**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).



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 opened for the 2018-19 academic year, serving students in the Loudoun County Public School Division. Located in Leesburg, Virginia, 33 miles northwest of Washington, D.C., The Academies of Loudoun merged three LCPS STEM programs into one school: The Academy of Engineering and Technology, the Academy of Science, and Monroe Advanced Technical Academy (MATA). LCPS high schools are accredited by the Southern Association of Colleges and Secondary Schools 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 2022-2023

9th Grade	297
10th Grade	307
11th Grade	694
12th Grade	858
Total	2156

POST-HIGH SCHOOL EDUCATION PLANS CLASS OF 2022

	AET	AOS	MATA
4-year College	96%	96%	
2-year College	< 1%	1%	16%
Other Education	< 1%		
Military			1%

SAT MEAN SCORES 2022

	Total	ERW	Math	LCPS
AET	1439	701	738	Total 1178
AOS	1508	742	766	ERW 595
MATA	1169	594	575	MATH 583

ACT MEAN SCORES 2022

	Composite Score	LCPS
AET	31	Composite 26
AOS	34	
MATA	25	

ENROLLMENT BY ETHNICITY/RACE

Asian	47%	Multi-racial	4%
Black/African-American	5%	White	35%
Hispanic	10%	Other	0%

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. 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 2022-2023

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

DUAL ENROLLMENT COURSES 2022-2023

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

HONORS COURSES 2022-2023

*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.

Loudoun County Public Schools closed on March 12, 2020 during the 3rd quarter due to the COVID-19 pandemic. Beginning April 15, 2020, teachers began teaching new content for 4th quarter through synchronous and asynchronous virtual learning opportunities. Students were given the option to select a final grade of Pass (P) or their calculated grade (A+ to D-).

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 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) – Most 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 2022 GRADUATES

AET	AOS	MATA
U of Virginia	U of Virginia	Virginia Commonwealth
Georgia Institute of Technology	Virginia Commonwealth U	George Mason U
Virginia Commonwealth U	U of Maryland - College Park	Virginia Tech
Virginia Tech	Virginia Tech	Northern Virginia CC
George Mason U	Georgia Institute of Technology	James Madison U
U of Maryland - College Park	George Mason U	U of Virginia
Penn State U - Main	Duke U	Christopher Newport U
Purdue U	Penn State U - Main	Purdue U
College of William & Mary	Purdue U	Penn State U
James Madison U	Carnegie Mellon U	George Washington U

AWARDS AND DISTINCTIONS

- National Merit Semi-Finalists: 29
- Merit Based Scholarship Awards: \$12,000,000
- Industry Certifications: 1,900 Certifications/72 Disciplines

COUNSELORS

- Anthony Bauer, Director of School Counseling
- Amy Burgess, Counselor
- Anna Rizzo, Counselor
- Andrew Tafaro, Counselor
- Michelle Trudel, Counselor

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Loudoun County Public Schools

School Counseling Services
21000 Education Court
Ashburn, VA 20148
571-252-2048

School Counseling Supervisor

Heather L. Ross M.Ed.

School Counseling Specialist

Dr. Madiha Jamil

Loudoun County, located in the Commonwealth of Virginia, boasts a population of approximately 437,586 making it Virginia's third-most populous county. Loudoun County is part of the Washington–Arlington–Alexandria, DC–VA–MD–WV Metropolitan Statistical Area. Loudoun County is home to Dulles International Airport and numerous technology companies, as 70% of the world's internet traffic flows through the county's 520 square miles.

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 serves over 83,039 students within 96 schools and four educational centers, the Academies of Loudoun, The North Star, K-12 Distance Learning Program and a 6-12 Virtual Loudoun option. Currently, the division consists of 18 high, 17 middle and 61 elementary schools (including two charter schools) utilizing a K-5, 6-8, 9-12 grade-level configuration. In addition, it services Pre-Kindergarten and adult education programs. The student body is culturally diverse with a population that is 41.7% White, 26% Asian, 18.6% Hispanic, 7.1% African American, and 5.8% Multi-Racial, 0.1% Pacific Islander with 22.2% Economically Disadvantaged, 12.2% English Learners, and 10.9% students with disabilities. Students in Loudoun County Public Schools come from 142 countries and speak 160 different languages.

Curriculum

Loudoun County Public Schools offers a robust selection of courses including regular, honors, advanced placement, dual enrollment, special education and courses for English Learners. The Academies of Loudoun offers courses through the following programs: Academy of Science, Academy of Engineering and Technology and Monroe Advanced Technical Academy. Please see the [2022-2023 Program of Studies](#) for more information.

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

GPA Calculation and Class Rank

Grade point average and class rank include all classes for which high school credit bearing courses was earned or could have been earned. Advanced Placement classes are given a weight at 1.0. High school Honors classes are weighted at 0.5. Dual Enrollment classes are weighted at 1.0.

Post High School Graduation Class of 2022

4-year college	65%
2-year college	17%
Other education	2%
Military	1%
Employment/Gap Year	12%

SAT/ACT MEAN SCORES, Class of 2022

	ERW	Math	ACT Composite Score
National	528	521	20.3
Virginia	572	552	25.5
LCPS	595	583	26.1

*ACT Scores reflect the class of 2021. Scores for the class of 2022 will be available late October.

Graduation Requirements for students who entered 9th grade through 2017-2018

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
<u>Electives</u>	<u>3</u>
Total Credits (5 verified units of credit)	26

*Students entering 9th grade in the 2018-2019 school year and beyond will need to earn 5 verified units of credit)

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
<u>Electives</u>	<u>4</u>
Total Credits (5 verified units of credit)	22

*Students entering 9th grade in the 2018-2019 school year and beyond will need to earn 5 verified units of credit.

Diplomas Awarded, Class of 2022

Advanced Studies	76%
Standard and Other Diplomas	20%
GED, Certificates and Other Non-Grads	0.4%

Class of 2022 Scholarship Information

Total amount offered: \$71,753,219

Total amount accepted: \$78,486,755

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September 30, 2022