High School Programming at Lewis and Mount Vernon High Schools

School Board Work Session
November 10, 2026

Background

- At the September 10, 2026 School Board Meeting, a Motion passed calling for programmatic options to increase enrollment at traditional high schools with a program capacity utilization of less than 85% and with enrollment of fewer than 1800 students
- Two high schools met the criteria:
  - Lewis High School
  - Mount Vernon High School

Lewis High School

Facility			SY 2025-26					SY 26-27 Actual Membership	Projected Membership					Projected Program Capacity Utilization				
Region	School	Design Capacity	Program Capacity	Membership	Program Capacity Utilization	Temporary Classrooms	Modular Classrooms		SY 26-27	SY 27-28	SY 28-29	SY 29-30	SY 30-31	SY 26-27	SY 27-28	SY 28-29	SY 29-30	SY 30-31
6	Lewis HS	2,139	1,897	1,539	81%	4	0	1,396	1,473	1,431	1,438	1,429	1,447	78%	75%	76%	75%	76%

Sources:
FCPS, *Capital Improvement Program (CIP) Fiscal Years 2027-31,* February 2026
FCPS, *Certified Student Membership*, September 2026.

Notes:
1. Projected capacity utilization is based on program capacity.
2. Temporary classrooms (trailers) are not included in calculating design or program capacity.

Mount Vernon High School

Facility			SY 2025-26					SY 26-27 Actual Membership	Projected Membership					Projected Program Capacity Utilization				
Region	School	Design Capacity	Program Capacity	Membership	Program Capacity Utilization	Temporary Classrooms	Modular Classrooms		SY 26-27	SY 27-28	SY 28-29	SY 29-30	SY 30-31	SY 26-27	SY 27-28	SY 28-29	SY 29-30	SY 30-31
3	Mount Vernon HS	2,451	2,449	1,755	72%	0	0	1,729	1,689	1,653	1,597	1,561	1,537	69%	67%	65%	64%	63%

Sources:
FCPS, *Capital Improvement Program (CIP) Fiscal Years 2027-31,* February 2026
FCPS, *Certified Student Membership*, September 2026.

Notes:
1. Projected capacity utilization is based on program capacity.
2. Temporary classrooms (trailers) are not included in calculating design or program capacity.
3. Projected capacity utilization as shown is based on program capacity and does reflect adopted changes from the Comprehensive Boundary Review.
4. Boundary changes adopted January 2026 reassigned Student Planning Area (SPA) 10111 from West Potomac HS to Mount Vernon HS (estimated 54 students).

Programmatic Options to Increase Enrollment

- **High School Career Academy**
  - Serving base students and traveling part-time students from other schools

- **Regional Specialty Program**
  - Serving base students and full-time enrollment student transfers from other schools

Comparison of Programmatic Access Points		
Feature	High School Career Academies	Regional Specialty Programs
Enrollment Type	Part-time enrollment (shared enrollment with base high school)	Full-time enrollment (through full-time curricular transfer)
Geographic Reach	Centralized hubs serving multiple schools	Regional programs serving students from across the district
Travel Required	Yes; requires travel to/from base to academy sites	Yes; requires transportation for students from multiple base schools
Target Grade Levels	Primarily Grades 11 and 12	Students seeking long-term, multi-year sequences (9-12)
Current Locations	6 Academies (Chantilly, Edison, Fairfax, Falls Church, Marshall, West Potomac)	2 Programs (Edison Global STEM Challenges, Lewis Leadership Program)
Transportation	Centrally funded; recurring annual cost	Transportation has not been funded for student transfers
Priority Career Clusters	Architecture & Construction, Health Science, IT/STEM, and Transportation, Logistics, & Distribution	

Lewis High School: Current Offerings

Career Clusters:

- Arts, A/V Technology & Communications*
- Business Management & Administration
- Education & Training
- Government & Public Administration*
- Hospitality & Tourism
- Information Technology
- Marketing
- Science, Technology, Engineering, and Mathematics*
- Transportation, Distribution, and Logistics

Of note:

- Lewis Leadership Regional Specialty Program
- Unique specialty CTE programs in Auto Technology, Cosmetology, & Criminal Justice
- World Languages: Arabic, French, Spanish

**A significant number of course offerings, aligned to the Arts, A/V Technology & Communications, Government & Public Administration, and STEM career clusters, are available across all high schools outside of the CTE program.*

Overview of Lewis Leadership Program

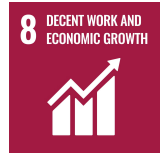
The John Lewis Leadership Program connects students to the legacy of John R. Lewis through meaningful, hands-on learning about leadership, justice, service, and advocacy, inside and outside the classroom.

Through this program, all Lewis students access unique learning opportunities, and all Lewis students may choose to access deeper, more sustained individualized leadership development courses and experiences.

Public Website





Grade	Essential Questions	Core and Elective Leadership Experiences	IB Skill	UN SDG
9	**Values & Identity:** How are leaders shaped by their values? What values shape the leader I am today?	• Leadership in STEM Speaker Series • World History: Day at the Museums • Service Project: Zero Hunger • *Lewis Leadership Lab 1* • *Community Action Project & Showcase*		
10	**Community & Change:** How do leaders bring people together to create meaningful change? What kind of change do I hope to create?	• Gov: Meet Your Legislators Day • English 10: Smithsonian NMAAHC • Service Project: Voter Education • *Lewis Leadership Lab 2* • *Community Action Project & Showcase*		
11	**Action & Impact:** How do leaders solve problems? What problems do I want to solve in my community or world?	• Peace Trail on the National Mall • Resume and Interview Workshop • Service Project: Museum of Service • *Lewis Leadership Lab 3* • *Pathways: IB CP, AVID, CTE*		
12	**Vision & Legacy:** How do leaders create impact that endures? What legacy do I want to leave behind?	• Leadership Portfolio & Capstone • Externship or Internship • Senior Capstone Public Showcase • *Lewis Leadership Lab 4* • *Pathways: IB CP, AVID, CTE*		

Lewis High School Options:
Develop New Lewis Leadership Program Offerings

- Identify additional coursework with connection to civic engagement and leadership:
  - International Relations, Public Policy, & Law
  - World Languages
  - Work-based Learning (Job Shadow, Internships, etc.)
- Explore application to add a JROTC unit at Lewis
- Design an upper-level sequence for juniors and seniors
- Consider regional Governor's School application

Lewis High School Options: Early College Programming

- Establish the first Early College option in FCPS at Lewis
- Would be the first and only high school in FCPS to offer all components of the College and Career Ready Virginia (CCRV) Program in the high school
  - Students earn transferable college credits at no tuition cost
    - Passport Program (16 credits)
    - Uniform Certificate of General Studies (UCGS; 31 credits)
- CCRV is a statewide initiative designed to expand access to dual enrollment for high school students
- By removing financial barriers, CCRV creates opportunities for students to earn college credits early, build momentum toward a degree and save on the cost of higher education
- Note: Associate's Degree typically requires 60-72 credits

Lewis High School Options: New CTE Program Pathways

- **Health and Medical**
  - High student interest and high workforce demand
  - Current Lewis students only have program access at Falls Church and West Potomac Academies

- **Emerging Technology**
  - High interest and high workforce demand
  - Current programs developing at Skyview
  - Current Lewis students only have access to Information Technology and Cybersecurity pathways at Edison Academy

Lewis High School Options: Potential Health and Medical Pathways

Radiologic Technology	Sports Medicine	Medical Assistant
Exploring the Language of Medicine & Intro to Health Sciences	Exploring the Language of Medicine & Intro to Health Sciences	Exploring the Language of Medicine & Intro to Health Sciences
Radiologic Technology I	Sports Medicine/Athletic Training I	Medical Assistant I
Radiologic Technology II	Sports Medicine/Athletic Training II	Medical Assistant II

In addition to adding coursework, Lewis participates in the Public Health Youth Ambassador Program with the Fairfax County Health Department, partnered with universities and hospitals.

Additionally, there is a partnership opportunity for a cohort of 15 FCPS students who are interested in ultimately attending medical school or pursuing other health studies to engage in the Gateway Exploration Program with Georgetown University.

Lewis High School Options:
Potential Emerging Technology Pathways

Computer Science and Emerging Tech Pathway	Data Science Pathway	Robotics/Advanced Manufacturing Pathway
CS Programming	Artificial Intelligence Essentials/AI Advanced	STEM Design
Adv Programming, IB CS	Data Science	Electronics I
AI Programming	Applied Machine Learning	STEM Robotics
Quantum Science/Computing	Machine Learning/AI Capstone	STEM Adv. Electronics & Robotics

Programmatic Options for Lewis High School

- Expand Lewis Leadership Program with focus on civic engagement and leadership
  - International Relations, Public Policy, & Law
  - World Languages
  - JROTC application
  - Consider Regional Governor's School application
- Add Early College Program for UCGS and Passport
- Add Career Pathways for Health & Medical, and/or Emerging Technology

Lewis High School: Estimated Costs

	Radiologic Technology & Medical Assistant & Sports Medicine	Emerging Technology	Robotics	Early College & JROTC & Leadership
Equipment	$100,000	$25,000	$25,000	$100,000
Curriculum and Professional Development	$75,000	$50,000	Existing	Existing
Industry Credentials*	$10,000	$10,000	$10,000	Existing
Teacher Staffing*	$414,000	$276,000	$138,000	TBD Based on Enrollment
Facility Modifications	TBD	N/A	Existing	Existing
Transportation*	TBD	TBD	TBD	TBD
Georgetown Partnership	$90,000	N/A	N/A	N/A
Academy Staffing**	Approximately $800,000			
Totals	+TBD	+TBD	+TBD	+TBD

*Recurring costs; may vary based on student enrollment and number of FTE
**Recurring costs including Academy Administrator, Administrative Assistant, Career Experience Specialist, School Counselor, Security Assistant, Finance Technician

Implementation Timeline: Lewis

Opportunity	Year 1	Year 2	Year 3	Year 4	Year 5
	2026-2027	*2027-2028*	*2028-2029*	*2029-2030*	*2030-2031*
Medical Assistant	Plan	Design	Start		
Radiologic Tech	Plan	Design	Start		
Sports Medicine	Plan	Design	Start		
Robotics & Manufacturing	Plan	Design	Start		
Emerging Tech		Plan	Design	Start	
Data Science		Plan	Design	Start	
Early College	Plan	Design	Start		
JROTC	Apply	Design	Start		

Mount Vernon High School: Current Offerings

Career Clusters:

- Arts, A/V Technology & Communications*
- Business Management & Administration
- Education & Training
- Government & Public Administration*
- Hospitality & Tourism
- Information Technology
- Marketing
- Science, Technology, Engineering, and Mathematics*

Of Note:

- Unique specialty programs in Culinary and JROTC
- World Languages: French, German, Spanish

**A significant number of course offerings, aligned to the Arts, A/V Technology & Communications, Government & Public Administration, and STEM career clusters, are available across all high schools outside of the CTE program.*

Mount Vernon High School Options: CTE Pathway Expansion

- **Aerospace and Pilot Training**
  - High interest, high workforce demand, current programs developing at Skyview
- **Aviation Maintenance and Technical Systems**
  - High interest, high workforce demand, current programs developing at Skyview
- **National Security, JROTC, & Public Safety**
  - High interest, high workforce demand

Mount Vernon High School Options: Potential Aerospace & Aviation Pathways

Aerospace Engineering	Aircraft and Drone Pilot Training	Aviation Maintenance
STEM Design Aerospace Engineering I Aerospace Engineering II IB Design & Technology I&II	STEM Design Aircraft Pilot I Aircraft Pilot II	Construction Technology Aviation Maintenance I Aviation Maintenance II

National Security	Law and Public Safety
JROTC I JROTC II JROTC III JROTC IV	Public Safety I Public Safety II

Mount Vernon High School: Estimated Costs

	Aerospace Engineering & Pilot Training	Aviation Maintenance	National Security & Public Safety
Equipment	$300,000	$300,000	$75,000
Curriculum and Professional Development	$100,000	$86,000	$30,000
Industry Credentials*	$50,000	$50,000	$5,000
Teacher Staffing*	$138,000	$138,000	$138,000
Facility Modifications	$50,000	$250,000	n/a
Transportation*	TBD	TBD	TBD
Totals	$638,000+TBD	$824,000+TBD	$248,000+TBD

*Recurring costs

Implementation Timeline: Mount Vernon

Opportunity	Year 1	Year 2	Year 3	Year 4	Year 5
	2026-2027	***2027-2028***	***2028-2029***	***2029-2030***	***2030-2031***
Aerospace Engineering	Ongoing				
Aircraft & Drone Pilot Training	Plan	Design	Start		
Aviation Maintenance	Plan	Design	Start		
JROTC	Ongoing				
Law & Public Safety	Plan	Design	Start		

Discussion