SPECIALTY CENTERS OF STAFFORD COUNTY PUBLIC SCHOOLS

Empowering Minds. Inspiring Futures.



#ElevateStafford

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STAFFORD SPECIALTY CENTERS

Stafford County Public Schools offers six innovative Specialty Centers designed to provide students with focused, career-oriented education in high-demand fields. Located across our high schools, these centers combine rigorous academics with hands-on, real-world learning experiences that prepare students for both college and career success.

- **Leadership, Education, and Public Service (LEAPS) Center** at Mountain View High School
- **Engineering Professions and Industries of Construction (EPIC) Center** at Stafford High School
- **Community Health and Medical Professions (CHAMP) Center** at Brooke Point High School
- **Business and Information Technology (BIT) Center** at Colonial Forge High School
- **Aerospace, Supply Chain, Energy, and Navigation Technology (ASCENT) Center** at North Stafford High School
- **Arts, Media, and Production (AMP) Center** at Hartwood High School

Specialty Centers go beyond traditional classroom instruction by offering students the opportunity to explore their interests and passions through specialized pathways. Students gain practical skills, earn industry certifications, build professional portfolios, and develop meaningful connections with mentors and industry partners. This immersive approach helps students discover their strengths, clarify their career goals, and graduate with a competitive advantage.

Students enrolled in Specialty Centers benefit from small, focused learning communities where they collaborate with peers who share similar interests and aspirations. Expert instructors with real-world experience guide students through project-based learning that mirrors professional work environments. Many pathways offer opportunities for internships, college credit, industry certifications, and capstone projects that showcase student achievement. Whether students plan to enter the workforce immediately after graduation or pursue higher education, Specialty Centers provide the knowledge, skills, and experiences that open doors to future opportunities.

With pathways spanning leadership and education, business and technology, aerospace and energy, engineering and construction trades, healthcare, and arts and media, Stafford County Specialty Centers offer something for every student's interests and career aspirations. We invite families to explore these innovative programs and discover how a Specialty Center education can transform your student's high school experience and future possibilities.

Specialty Center Implementation Timeline

Stafford County Public Schools is in the process of expanding secondary opportunities for all students by opening a Specialty Center in each high school by the 2026-2027 school year.



Multiple Student Pathways

Each Specialty Center offers multiple pathways that provide targeted instruction in specific student interests and career goals. Each center has pathways for students that intend on entering the workforce immediately after high school, after some college or technical training, or after a Bachelor's degree and beyond.

Eligibility Criteria and Selection

All rising 9th graders may apply to Stafford Specialty Centers. Individual pathways within each Specialty Center may have minimum criteria. Eligible students that meet the minimum criteria and apply for a Specialty Center will be entered into a pool of candidates for selection via lottery. The number of seats available within each pathway will vary, but will be established prior to the lottery selection.

School Transfer

Students that are selected and accept an offer to attend one of the specialty centers' four-year pathways will be transferred to the center's school location at the beginning of grade nine. Students will be able to participate in clubs and activities and play sports, based on VHSL eligibility, at their Specialty Center. Students whose participation in a Specialty Center pathway ends will be required to return to their zoned (base) high school unless space is available within another center pathway and are subject to all VHSL policies regarding eligibility.

Application Process and Selection

The Stafford Secondary Offerings application system is designed to include parents/guardians in the decision-making process with their students. Parents/Guardians create an account in the online application and work with their child to apply to Specialty Centers, Secondary Program Pathways, and Regional Schools. Students applying for Specialty Centers and Secondary Program Pathways will be selected by a lottery and notified through email or text message, based on account settings. Applicants to the Commonwealth Governor's School are selected based on established criteria. Guardians will log back into the application system to review, accept or decline offers. Students who are waitlisted for programs will remain on the waitlist until a space becomes available.

LEADERSHIP, EDUCATION, AND PUBLIC SERVICE CENTER AT MOUNTAIN VIEW HIGH SCHOOL

Empowering Minds. Inspiring Futures.

Students in the Leadership, Education, and Public Service (LEAPS) Center at Mountain View High School will develop an appreciation for the importance of leadership with applications in community and public service. Experiences will develop critical thinking, problem solving, team-building, and interpersonal skills that prepare students for meaningful careers serving their communities.

The LEAPS Center offers five distinct pathways designed to match student interests and career goals. Students in the Community Leadership Pathway engage in real-world service projects with local organizations, completing a culminating service-learning activity where they design and implement their own community initiative. The Community Leadership with International Baccalaureate Pathway combines comprehensive leadership training with the globally recognized IB Diploma Programme, preparing students for competitive university admissions while developing international-mindedness and intercultural competence.

Those in the Criminal Justice and Law Pathways complete rigorous coursework and hands-on activities that explore a variety of law and law enforcement scenarios. Through partnerships with local courts, law enforcement agencies, and legal professionals, students participate in mock trials, crime scene investigations, and courthouse visits that provide authentic insights into careers throughout the justice system.

Students enrolled in the Future Educator Academy complete an Associate Degree in Education through Germanna Community College while still in high school—at no cost to families. Graduates receive guaranteed acceptance into several Virginia colleges and universities, where they can complete their Bachelor's degree in just two additional years. Students receive a guaranteed job offer with Stafford County Public Schools, providing unprecedented career security while addressing the critical need for qualified educators in our community.

Student Pathways and Eligibility Criteria	The LEAPS Center will have five pathways of study and are open to students in grade 9:
Community Leadership	*This pathway is perfect for students looking to gain or grow their leadership skills. Through service-learning, action research, and opportunities to connect with community leaders, students will complete a capstone in Grade 12.*
Community Leadership with International Baccalaureate (IB) Programme Diploma	*This pathway helps students develop their leadership skills while completing the rigorous IB Diploma Programme. This program is open to students that successfully complete Algebra I by the end of grade 8.*
Criminal Justice	*Through hands-on activities and scenarios, students explore concepts and careers in criminal justice and law enforcement.*
Future Educator's Academy	*Students enrolled in this pathway will explore the teaching profession and jumpstart their teaching career by completing an Associates Degree in Education through Germanna Community College.*
Law	*A great opportunity for students who want to learn more about the law and legal professions. Students explore legal concepts, participate in mock trials, and learn from legal professionals.*

Potential Careers			
• Teacher	• Policy Advocate	• Paralegal
• Lawyer	• Police Officer	• Homeland Security



Community Leadership Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	Center English 11	Center English 12
	History and Social Sciences	Center World History I	Center World History II	Center Virginia and United States History	Center Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	Algebra III
		Geometry	Algebra II	Pre-calculus	AP OR DE Calculus OR Statistics
	Science	Earth Science	Biology	Chemistry	Physics OR Science Elective OR Computer Science
		Biology	Chemistry	Physics	IB Science OR Science Elective OR Computer Science
	World Language	World Language I	World Language II	World Language III	World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Communication for Leadership	Policy, Advocacy and Ethics	Leadership and Community Engagement	Community Leadership Capstone
	Suggested Elective	Elective	Elective	Economics and Personal Finance	Elective
	Elective	N/A	N/A	Elective	Elective

Community Leadership with the IB Diploma Programme Pathway Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English (Group 1 Language A)	Center English 9	Center English 10	IB Language and Literature I	IB Language and Literature II
	World Language (Group 2 Language B)	World Language Level I World Language Level II (semester courses) World Language Level II	World Language Level III	IB World Language Acquisition I	IB World Language Acquisition II
	History and Social Sciences (Group 3 Individuals and Societies)	Center World History II	AP Comparative Government	IB History of the Americas I	IB History of the Americas II
	Science (Group 4 Experimental Science)	Biology	Chemistry	IB Biology I OR IB Chemistry I OR IB Physics I OR IB Environmental Systems and Societies I	IB Biology II OR IB Chemistry II OR IB Physics II OR IB Environmental Systems and Societies II
	Mathematics (Group 5 Mathematics)	Geometry	Algebra II	IB Mathematics: Applications and Interpretation I (SL)	IB Mathematics: Applications and Interpretation II (SL)
		Algebra II	Pre-calculus	IB Mathematics: Analysis and Approaches I (HL)	IB Mathematics: Analysis and Approaches II (HL)
	Required Electives (Group 6 Electives)	N/A	N/A	IB Elective**	IB Elective**
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Communication for Leadership	Policy, Advocacy, and Ethics	Community advocacy and service requirements of the specialty center included in required IB Diploma Programme Coursework	
	Suggested Elective	Elective	Elective OR Economics and Personal Finance†	IB Theory of Knowledge I	IB Theory of Knowledge II
	Elective	N/A	N/A	Elective	Elective



Future Educators Pathway
Sample Course Sequence

	LAUNCH		LEARN	LEAD	
	9th Grade	10th Grade	11th Grade	12th Grade	
	English	Center English 9	Center English 10	DE English 11	DE English 12	Pathway Required Courses
	History and Social Sciences	Center World History I	Center World History II	DE Virginia and United States History	DE Virginia and United States Government	
	Mathematics	Algebra II	Pre-calculus OR DE Pre-calculus I/II	DE Quantitative Reasoning an DE Statistics	Calculus OR Data Science OR AP Computer Science Applications	
		Geometry	Algebra II		Pre-calculus OR Data Science OR AP Computer Science Applications	
	Science	Biology	Chemistry	Physics	DE Biology and DE Geology	Pathway Required Course
	World Language	World Language I	World Langue II	World Language III	World Language IV	
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 9	N/A	N/A	
Pathway Required Courses	Required Electives	Communication for Leadership	Policy, Advocacy and Ethics	DE Introduction to Teaching as a Profession AND DE Human Growth and Development	DE Teaching in a Diverse Society AND DE Foundations of Exceptional Education	
	Required Electives	Elective	Elective	DE Principles of Public Speaking AND DE Economic Essentials	DE History of Art AND DE World Regional Geography	
	Elective	N/A	N/A	Elective	Elective	



Criminal Justice Pathway
Sample Course Sequence

	LAUNCH	LEARN	LEARN	LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9	Center English 10	English 11	English 12
History and Social Sciences	Center World History I	Center World History II	Virginia and United States History	Virginia and United States Government
Mathematics	Algebra I	Geometry	Algebra II	Algebra III OR DE Quantitative Reasoning and DE Statistics
	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus	AP OR DE Calculus OR Statistics
Science	Earth Science	Biology	Chemistry	Physics OR Science Elective OR Computer Science
	Biology	Chemistry	Physics	IB Science OR Science Elective OR Computer Science
World Language	World Language I	World Language II	World Language III	World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Communication for Leadership	Policy, Advocacy, and Ethics	Criminal Justice I	Criminal Justice II (2 credits)
Suggested Elective	Elective	Elective	Emergency Medical Telecommunications	Psychology
Suggested Elective	N/A	N/A	Economics and Personal Finance	N/A



Law Pathway
Sample Course Sequence

	LAUNCH	LEARN		LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9	Center English 10	AP OR DE English 11	AP OR DE English 12
History and Social Sciences	Center World History I	Center World History II	Virginia and United States History OR DE United States History	Virginia and United States Government OR DE Virginia and United States Government
Mathematics	Algebra I	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics
	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus	AP OR DE Calculus OR Statistics
Science	Biology	Chemistry	Physics	IB OR DE Science OR Science Elective
World Language	World Language I	World Language II	World Language III	World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses: Pathway Requirement	Communication for Leadership	Policy, Advocacy and Ethics	Law Studies	Criminal Law and Procedures with Capstone (2 credits)
Suggested Elective	Elective	Elective	Psychology	Business Law
Elective	N/A	N/A	Economics and Personal Finance	N/A

ENGINEERING PROFESSIONS AND INDUSTRIES OF CONSTRUCTION CENTER AT STAFFORD HIGH SCHOOL

Empowering Minds. Inspiring Futures.

The Engineering Professions and Industries of Construction (EPIC) Center at Stafford High School provides students with opportunities to explore and excel in a wide range of engineering and construction trades. This Specialty Center extends learning beyond the traditional classroom through rigorous coursework and immersive, hands-on experiences. Students engage in innovative projects that strengthen critical thinking, foster creativity, and build entrepreneurial skills aligned with industry expectations.

Students enrolled in the EPIC Center learn within a collaborative cohort community that emphasizes teamwork and problem-solving. Leadership skills are developed through ambassador roles and project-based learning, while coursework and industry credentials are shaped by ongoing input from business and industry advisory partners. Students also participate in field trips and career-connected activities designed to support meaningful career exploration and informed postsecondary decision-making.

Student Pathways and Eligibility Criteria

The EPIC Center will have seven pathways of study and are open to students in grade 9:

Carpentry	*Students learn the principles and technologies of both commercial and residential construction, and develop hands-on experience they need to be competitive in the construction industry.*
Data Center and Mission Critical Operations	*Open to students who want to keep our data centers running smoothly. Students will learn electronics, HVACR and networking, and be at the center of this growing industry.*
Electricity	*The electricity pathway prepares students in commercial and residential electrical principles, wiring techniques, circuitry and safety protocols.*
Engineering	*Students dive into advanced engineering concepts through STEM-based, hands-on projects in a laboratory setting. Dual enrollment opportunities allow our students to get a head start on their college career. This pathway requires completion of Algebra I in grade 8.*
Fiber Optic Technician	*This pathway is designed to train students in the core scientific principles and hands-on technical skills required to install, test, and maintain the high-speed fiber optic networks that power the modern world.*
Heating, Ventilation, Air Conditioning, and Refrigeration (HVACR)	*The HVAC-R pathway prepares students for a stable, high-demand career as technicians who install, maintain, and repair the environmental control systems in residential, commercial, and industrial buildings.*
Masonry	*Students develop skills and technical knowledge for laying block and brick, concrete construction, reading blueprints, and estimating labor and materials.*

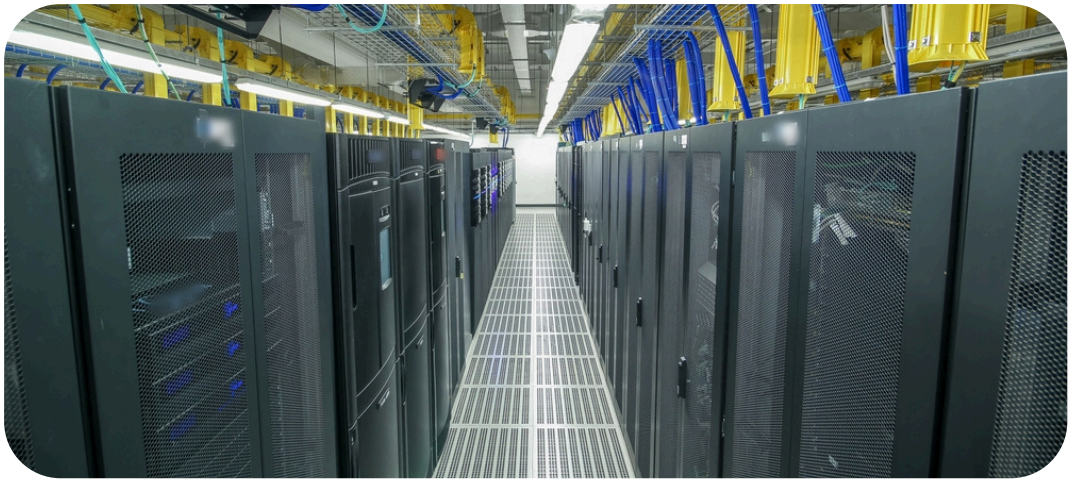
Potential Credentials

- National Center for Construction Education and Research (NCCER)
- Project Management
- Heavy Equipment Operator
- OSHA 10
- OSHA 30



Carpentry Pathway
Sample Course Sequence

		LAUNCH	LEARN	LEARN	LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	Center English 11	Center English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Center Algebra I	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Algebra III OR Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Mathematics	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Pre-calculus	Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Science	Environmental Science	Biology	Chemistry OR Science Elective	Chemistry OR Physics OR Earth Science OR Science Elective
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Introduction to Construction Trades	Carpentry I	Carpentry II (2 credits)	Carpentry III (2 credits)
	Suggested Elective	Elective	Career Strategies	Economics and Personal Finance	DE Construction Management
	Suggested Elective	World Language I	World Language II	World Language III	Business Management OR HVACR II



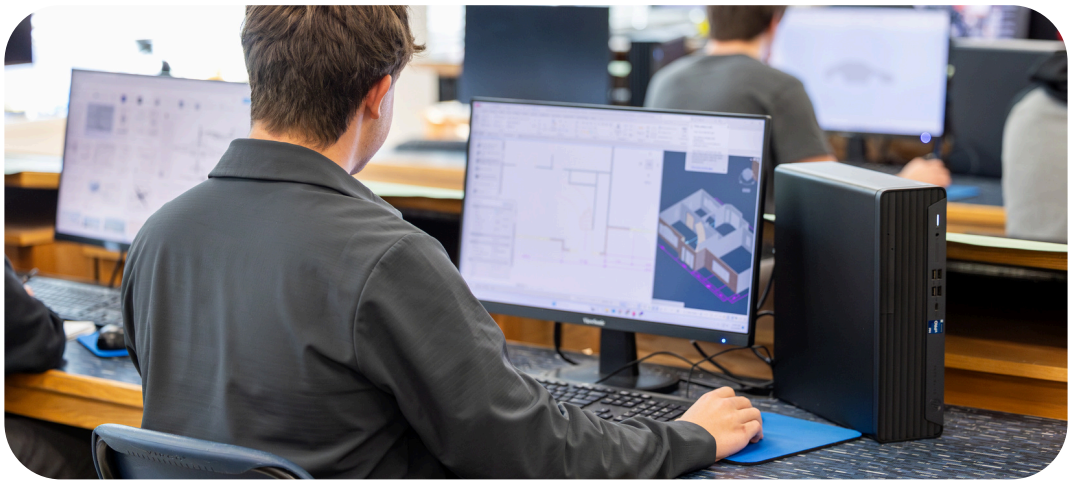
Data Center Operations Pathway
Sample Course Sequence

		LAUNCH	LEARN	LEARN	LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	Center English 11	Center English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Center Algebra I	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Algebra III OR Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Mathematics	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Pre-calculus	Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Science	Environmental Science	Biology	Chemistry OR Science Elective	Chemistry OR Physics OR Earth Science OR Science Elective
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Introduction to Construction Trades	HVACR I	Electronics Systems I	Electronics Systems II
	Suggested Elective	Elective	N/A	Economics and Personal Finance	DE Construction Management
	Suggested Elective	World Language I	World Language II	World Language III	Business Management OR HVACR II



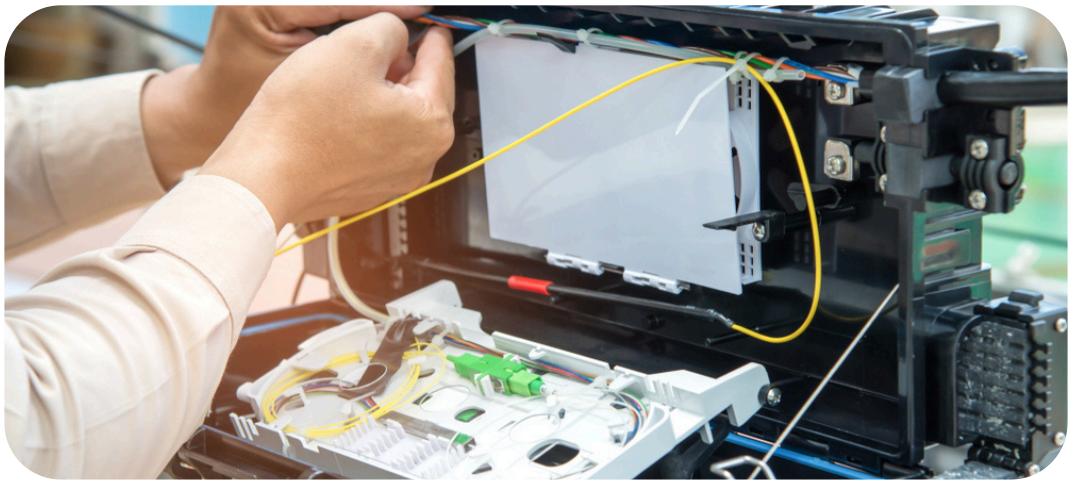
Electricity Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	Center English 11	Center English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Center Algebra I	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Algebra III OR Pre-calculus OR DE Statistical Reasoning and DE Statistics
		Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Pre-calculus	Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Science	Environmental Science	Biology	Chemistry OR Science Elective	Chemistry OR Physics OR Earth Science OR Science Elective
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Introduction to Construction Trades	Electricity I	Electricity II (2 credits)	Electricity III (2 credits)
	Suggested Elective	Elective	N/A	Economics and Personal Finance	DE Construction Management OR Apprenticeship
	Suggested Elective	World Language I	World Language II	World Language III	Business Management



Engineering Pathway
Sample Course Sequence

	LAUNCH	LEARN		LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Honors English 9	Honors English 10	AP OR DE English 11	AP OR DE English 12
History and Social Sciences	Honors World History I	Honors World History II	AP OR DE Virginia and United States History	AP OR DE Virginia and United States Government
Mathematics	Center Algebra II	Center Geometry	DE Pre-calculus	DE Calculus I/II
		DE Pre-calculus	DE Pre-calculus I/II	DE Linear Algebra and DE Differential Equations
Science	Honors Biology	Honors Chemistry OR Honors Earth Science	AP OR DE Physics	DE Chemistry
World Language	World Language I	World Language II	World Language III	AP OR DE World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses: Pathway Requirement	Engineering Explorations	Engineering Analysis and Applications	Engineering Concepts and Processes	DE Foundations of Engineering AND DE Engineering Design
Pathway Required Courses: Suggested/ Required Elective	Elective	Elective	Economics and Personal Finance	DE Computer Engineering and Capstone Project
Elective	N/A	N/A	Elective	Elective



Fiber Optic Technician Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	Center English 11	Center English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Center Algebra I	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Algebra III OR Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Mathematics	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Pre-calculus	Pre-Calculus OR DE Statistical Reasoning and DE Statistics
	Science	Environmental Science	Biology	Chemistry OR Science Elective	Chemistry OR Physics OR Earth Science OR Science Elective
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Introduction to Construction Trades	Electronics Systems I	Fiber Optics I	Fiber Optics II (2 credits)
	Suggested Elective	Elective	N/A	Economics and Personal Finance	DE Construction Management
	Suggested Elective	World Language I	World Language II	World Language III	Business Management



HVACR Pathway
Sample Course Sequence

	LAUNCH	LEARN		LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9	Center English 10	Center English 11	Center English 12
History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
Mathematics	Center Algebra I	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Algebra III OR Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Pre-calculus	Pre-calculus OR DE Statistical Reasoning and DE Statistics
Science	Environmental Science	Biology	Chemistry OR Science Elective	Chemistry OR Physics OR Earth Science OR Science Elective
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses — Pathway Requirement	Introduction to Construction Trades	HVACR I	HVACR II (2 credits)	HVACR Capstone (2 credits)
Suggested Elective	Elective	N/A	Economics and Personal Finance	DE Construction Management I AND DE OSHA 30 Construction Safety (1 semester each)
Suggested Elective	World Language I	World Language II	World Language III	Business Management



Masonry Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	Center English 11	Center English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Center Algebra I	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Algebra III OR Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Mathematics	Center Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Pre-calculus	Pre-calculus OR DE Statistical Reasoning and DE Statistics
	Science	Environmental Science	Biology	Chemistry OR Science Elective	Chemistry OR Physics OR Earth Science OR Science Elective
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Introduction to Construction Trades	Masonry I	Masonry II (2 credits)	Masonry III (2 credits)
	Suggested Elective	Elective	Career Strategies	Economics and Personal Finance	DE Construction Management
	Suggested Elective	World Language I	World Language II	World Language III	Business Management OR HVACR II

COMMUNITY HEALTH AND MEDICAL PROFESSIONS CENTER AT BROOKE POINT HIGH SCHOOL

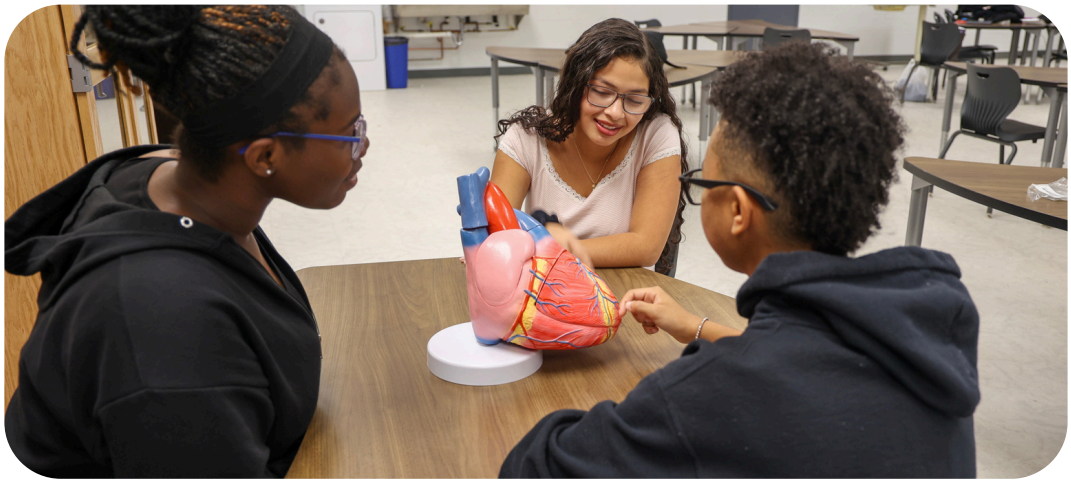
Empowering Minds. Inspiring Futures.

The Community Health and Medical Professions (CHAMP) Center serves as a launchpad into the world of healthcare. Through the CHAMP Center, students explore science and math and bring them to life through real-world learning experiences that prepare them for careers such as Medical Doctor, Biomedical Researcher, Nurse, Medical Assistant, Physician Assistant, and Mental Health Professional. Whether focused on hospitals, clinics, laboratories, or mental health care, the CHAMP Center offers students opportunities to explore healthcare interests through four distinct pathways aligned with career goals and postsecondary aspirations.

Students enrolled in this Specialty Center engage in rigorous, hands-on coursework that sharpens critical thinking, fuels creativity, and cultivates entrepreneurial skills. With the flexibility to specialize in a healthcare field of interest, students may pursue internships or clinical experiences, earn industry-recognized certifications, and build the skills and confidence needed to succeed in today's dynamic healthcare landscape.

In addition to classroom instruction, the CHAMP Center extends learning through innovative, hands-on environments where math and science are applied to authentic clinical problems and healthcare settings. Students participate in anatomy labs, health simulation experiences, and community health events, developing both technical proficiency and compassionate care skills. Through these opportunities, students may earn industry credentials such as Certified Nurse Aide (CNA), Certified Clinical Medical Assistant (CCMA), and Mental Health Technician Certification (MHTC), participate in internships or clinical rotations, and deepen their understanding of health professions prior to graduation. This combination of academic rigor and practical experience prepares students for continued education and a wide range of healthcare career pathways.

Student Pathways and Eligibility Criteria	The CHAMP Center will have four pathways of study and are open to students in grade 9:
Biomedical Sciences	*Students explore human biology, diseases, and laboratory research to prepare for future careers in medicine and biomedical fields. This pathway requires completion of Algebra I in grade 8.*
Nursing	*Students develop essential knowledge and hands-on clinical skills to prepare for the Certified Nursing Assistant (CNA) certification and a successful career in nursing.*
Medical Assistant	*Students receive comprehensive training in both administrative and clinical procedures to prepare for Certified Clinical Medical Assistant (CCMA) certification and for roles in healthcare offices, clinics, and related settings.*
Mental Health Services	*Students study human behavior and therapeutic practices to prepare for careers supporting emotional and psychological well-being.*
Potential Credentials	• Certified Nurse Aide (CNA) Certification • Certified Clinical Medical Assistant (CCMA) Certification • Mental Health Technician Certification (MHTC)



Biomedical Science Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center Honors English 9 OR Center English 9	Center Honors English 10 OR Center English 10	English 11 OR AP English Language and Composition OR DE English Composition	English 12 OR AP Literature and Composition OR DE English Literature
	History and Social Sciences	Honors World History I OR World History I	Honors World History II OR World History I	AP OR DE Virginia and United States History	AP OR DE Virginia and United States Government
	Mathematics	Center Honors Geometry OR Center Geometry	Center Honors Algebra II OR Center Algebra II	AP OR DE Pre-calculus	AP Calculus OR AP Statistics OR DE Calculus
	Science	Center Biology	Center Chemistry	AP Biology OR DE Biology OR Biology II: Human Anatomy and Physiology	AP OR DE Physics
	World Language	World Language I	World Language II	World Language III	DE World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Principles of Biomedical Science	Human Body Systems	Medical Interventions	Biomedical Innovation Capstone
	Suggested Elective	Elective	Economics and Personal Finance	AP Seminar	AP Research
	Elective	N/A	N/A	Elective	Elective



Nursing Pathway
Sample Course Sequence

	LAUNCH	LEARN	LEARN	LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9	Center English 10	English 11	English 12
History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
Mathematics	Algebra I	Center Geometry	Center Algebra II	Pre-calculus OR AP Calculus OR AP Statistics OR DE Quantitative Reasoning and DE Statistics
	Center Geometry	Center Algebra II	Pre-calculus	
Science	Center Biology	Center Biology II: Anatomy and Physiology	Chemistry	Physics
		Center Chemistry	Physics OR DE Physics	Biology II: Anatomy and Physiology
World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses: Pathway Requirement	Introduction to Health and Medical Science	Health Informatics	Communication and Leadership for Medical Professionals	Nurse Aide
				Career Strategies
Suggested Elective	Elective	Elective	Economics and Personal Finance	Elective



Medical Assistant Pathway
Sample Course Sequence

		LAUNCH	LEARN	LEARN	LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11	English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	Pre-calculus OR AP Calculus OR AP Statistics OR DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	Pre-calculus	
	Science	Center Biology	Center Biology II: Anatomy and Physiology	Chemistry	Physics
			Center Chemistry	Physics OR DE Physics	Center Biology II: Anatomy and Physiology
	World Language	World Language I	World Language II	World Language III	N/A
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Introduction to Health and Medical Sciences	Health Informatics	Communication and Leadership for Medical Professionals	Medical Assistant I (2 credits) AND Medical Assistant II (2 credits)
	Suggested Elective	Elective	Elective	Psychology	Business Law



Mental Health Services Pathway
Sample Course Sequence

	LAUNCH	LEARN		LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9 Honors	Center English 10 Honors	English 11	English 12
History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
Mathematics	Algebra I	Geometry	Algebra II	AP OR DE Pre-Calculus OR DE Quantitative Reasoning and DE Statistics
	Geometry	Algebra II	AP OR DE Pre-calculus	AP OR DE Calculus OR AP Statistics
Science	Center Biology	Center Biology II: Anatomy and Physiology	Chemistry	Physics
		Center Chemistry	Physics OR DE Physics	Center Biology II: Anatomy and Physiology
World Language	World Language I	World Language II	World Language III	World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses: Pathway Requirement	Introduction to Health and Medical Science	Health Informatics	Mental Health Assisting Careers I (2 credits)	Mental Health Assisting Careers II (2 credits)
Pathway Required Courses: Suggested/ Required Elective	Elective	Elective	Economics and Personal Finance	DE Psychology
Suggested Elective	N/A	N/A	N/A	Sociology

BUSINESS AND INFORMATION TECHNOLOGY CENTER AT COLONIAL FORGE HIGH SCHOOL

Empowering Minds. Inspiring Futures.

The Business and Information Technology (BIT) Center offers coursework and learning experiences that prepare students for careers in business and information technology. Students enrolled in this Specialty Center will have the opportunity to extend their applications of business and information technology (IT) beyond the classroom in innovative and practical spaces within five pathways. This center provides rigorous coursework that strengthens students' critical thinking skills, supports innovation and creativity, and builds entrepreneurial skills.

In today's rapidly evolving workplace, technological fluency and business acumen are essential across virtually every industry. The BIT Center prepares students to thrive in this digital economy by combining technical expertise with real-world business applications. Students don't just learn theory—they solve authentic problems, develop professional-grade projects, and build portfolios that demonstrate their capabilities to colleges and employers.

Student Pathways and Eligibility Criteria	The BIT Center will have five pathways of study and are open to students in grade 9:
Business Administration	*This innovative 4-year pathway isn't just theory; it's a rigorous, dual-enrollment focused program designed to put you on the fast track to a college degree. You'll finish high school with the business fundamentals, hands-on skills, and college credits necessary to lead organizations in any industry.*
Entrepreneurship	*Every great company, app, or product started with an entrepreneur. This pathway will teach you how to think like a founder, write a business plan, manage money, and launch a service or product, guaranteeing you the skills needed to create your own future.*
Cybersecurity	*Every company, hospital, and government agency runs on data, and they are constantly under attack. This pathway will teach you how to think like a criminal (ethically!) and defend like a master, guaranteeing you a place in one of the fastest-growing and most exciting careers on the planet.*
Business & Information Technology	*The BIT pathway is about becoming the essential professional who builds, manages, and protects the tech ecosystem that runs every modern company. It's not just about repairing hardware; it's about becoming a Digital Architect who understands how technology drives profits, keeps data secure, and makes operations run smoothly.*
Data Analytics	*Data Analytics is the superpower of the 21st century. It's not just about math—it's about becoming a Data Detective who finds hidden stories, patterns, and secrets in information.*
Potential Credentials	• CompTIA Tech+ • CompTIA Security Pro • CompTIA Network+ • CompTIA Security+ • CompTIA Data+ • Oracle Certified Foundations Associate



Entrepreneurship Pathway
Sample Course Sequence

		LAUNCH	LEARN	LEARN	LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11	English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Algebra III OR Pre-calculus OR DE Quantitative Reasoning and DE Statistics
	Mathematics	Geometry	Algebra, Functions, and Data Analysis OR Algebra II	Algebra II OR Pre-calculus	Pre-calculus OR DE Quantitative Reasoning and DE Statistics
	Science	Environmental Science	Biology	Chemistry OR Science Elective	Chemistry OR Physics OR Science Elective
	World Language	World Language I	World Language II	World Language III	World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Principals of Business and Marketing	Digital and Social Media Marketing	Entrepreneurship OR DE Entrepreneurship	Entrepreneurship Advanced OR DE Entrepreneurship
	Suggested Elective	Elective	Elective	Accounting I	Data Science
	Suggested Elective	N/A	N/A	Economics and Personal Finance	DE Business Management



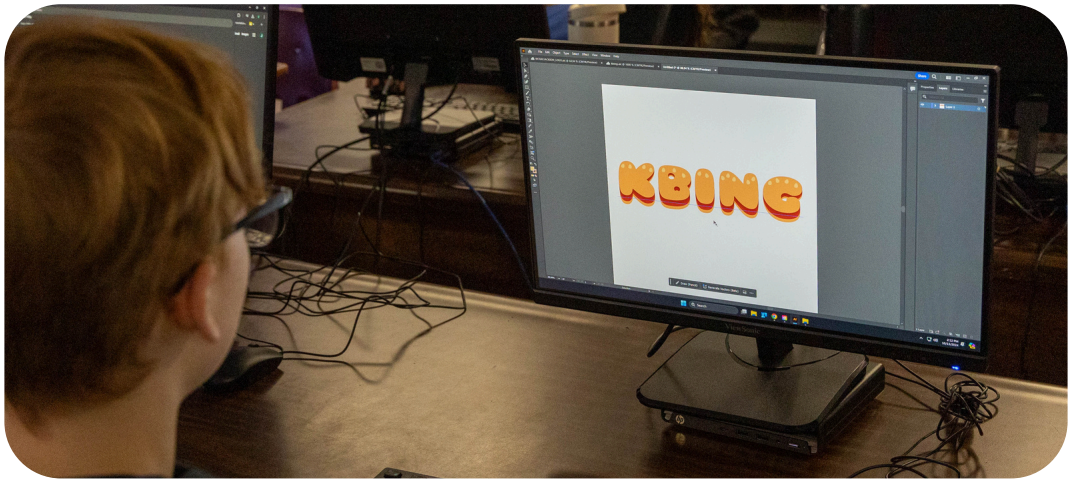
Business Administration Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	DE English 11	DE English 12
	History and Social Sciences	World History I	World History II	DE Virginia and United States History	DE Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus OR DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	Pre-calculus OR DE Pre-calculus	Calculus OR DE Calculus OR AP Statistics
	Science	Environmental Science	Biology	Chemistry OR Physics	DE Biology OR Science Elective
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Principles of Business and Marketing	Communication for Leadership	DE Business Management	DE International Business
	Required Elective	N/A	N/A	Accounting I	AP Economics
	Suggested Elective	Elective	Elective	Elective	Accounting II



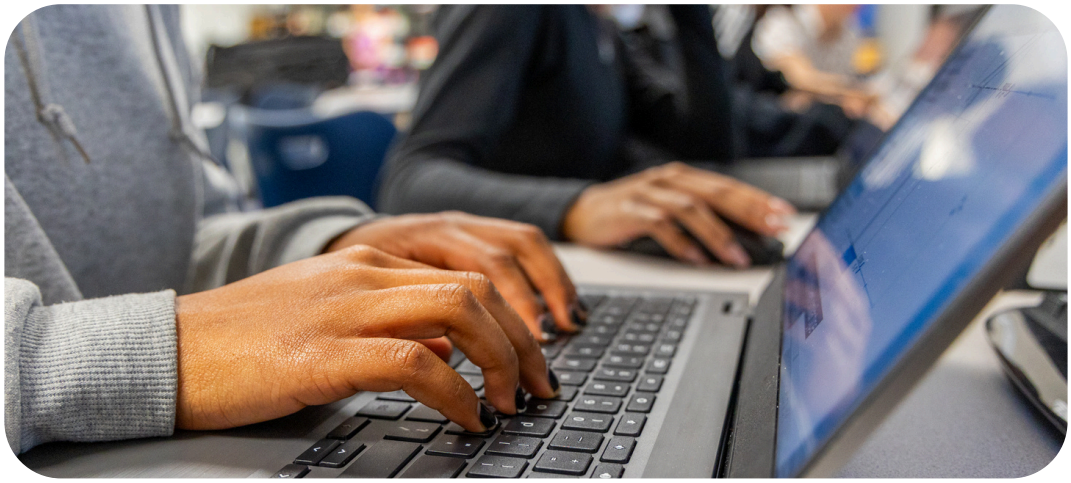
Cybersecurity Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11	English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	Algebra III OR Pre-calculus OR DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	Pre-calculus OR DE Quantitative Reasoning and DE Statistics	Calculus OR DE Calculus OR AP Statistics
	Science	Environmental Science	Biology	Chemistry OR Physics	Chemistry OR Physics OR Science Elective
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Information Technology Fundamentals	Cybersecurity I	Cybersecurity II	Cybersecurity III
	Suggested Elective	N/A	N/A	Programming I	Programming II
	Suggested Elective	N/A	N/A	Economics and Personal Finance	Data Science



Business Information Technology (BIT) Pathway Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus OR DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	Pre-calculus OR DE Pre-calculus OR DE Quantitative Reasoning and DE Statistics	Pre-calculus OR DE Quantitative Reasoning and DE Statistics
	Science	Environmental Science	Biology	Chemistry OR Physics	DE Biology OR Science Elective
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Information Technology Fundamentals	Database Design and Management	DE Business Management	DE Programming
	Required Elective	N/A	N/A	Programming I	BIT Project Management Capstone
	Suggested Elective	N/A	N/A	Economics and Personal Finance	Accounting I



Data Analytics Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
	History and Social Sciences	World History I	World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	Data Science OR Pre-calculus OR DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	Pre-calculus OR DE Pre-calculus	Calculus OR DE Calculus
	Science	Environmental Scienc	Biology	Chemistry OR Physics	DE Biology OR Science Elective
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Information Technology Fundamentals	Database Design and Management	Database Design Management with PL/SQL (Oracle)	AI and Machine Learning Capstone
	Suggested Elective	N/A	N/A	Programming I	Programming II
	Suggested Elective	Elective	Elective	Economics and Personal Finance	Accounting I

AEROSPACE, SUPPLY CHAIN, ENERGY, AND NAVIGATION TECHNOLOGIES CENTER AT NORTH STAFFORD HIGH SCHOOL

Empowering Minds. Inspiring Futures.

The Aerospace, Supply Chain, Energy, and Navigation Technologies (ASCENT) Center at North Stafford High School offers coursework and learning experiences to explore the exciting and rapidly evolving fields of aerospace, geospatial, logistics, and sustainable energy technologies. The curriculum is designed to provide rigorous coursework and real-world applications that will strengthen critical thinking, problem-solving, and innovation skills. Each pathway offers a blend of theoretical knowledge and hands-on learning, including the potential for industry certifications, internships, and capstone projects. This program will prepare students to pursue a wide range of degrees and careers in these high-demand fields.

ASCENT students engage with cutting-edge technologies that are shaping our world's future. From designing aerospace systems and mapping our planet with geospatial intelligence tools to optimizing global supply chains and developing sustainable energy solutions, students tackle real-world challenges facing industries and communities today. Through partnerships with local military installations, technology companies, and industry professionals, students gain exposure to career pathways in some of the nation's fastest-growing sectors. The program's emphasis on STEM skills, systems thinking, and technological innovation prepares students not only for immediate opportunities in these high-demand fields but also for leadership roles in industries that will define the 21st century economy. Whether students aspire to engineer the next generation of aircraft, analyze satellite imagery for national security, revolutionize logistics networks, or advance renewable energy technologies, ASCENT provides the technical foundation and professional experiences to transform their interests into impactful careers.

Student Pathways and Eligibility Criteria	The ASCENT Center will have four pathways of study and are open to students in grade 9:

Aerospace and Advanced Air Mobility	*Students will focus on exciting, cutting-edge exploration of drones, space, and flight technology. Students must complete Algebra I by the end of grade 8.*
Geospatial Technologies	*Learn to solve complex, real-world problems, like tracking climate change, planning smart cities, and fighting crime, using powerful technology.*
Global Logistics and Supply Chain Management	*Design and manage the massive network that moves everything—from your phone to vital medical supplies—mastering the strategy, technology, and analytics required to keep the global economy running smoothly.*
Sustainable Energy	*Focus on building a better, cleaner future and tackling the climate challenge with practical skills.*

Potential Credentials	• FAA Part 107 License • GIS Fundamentals Foundation • Certified Logistics Associate and Technician • Energy Industry Fundamentals Certificate



Aerospace and Advance Air Mobility Pathway Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
	History and Social Sciences	Center World History I	Center World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
	Mathematics		Geometry	Pre-calculus OR DE Pre-calculus	DE Quantitative Reasoning and DE Statistics
		Center Algebra II	AP OR DE Pre-calculus	DE Calculus	AP OR DE Calculus
	Science	Biology	Chemistry	Physics	DE Linear Algebra and DE Differential Equations
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Geosystems	Aerospace Engineering Technology (2 credits)	Aerospace Engineering Analysis and Application (2 credits)	Unmanned Aircraft Systems Advanced AND Capstone
	Suggested Elective	Elective	N/A	N/A	N/A
	Elective	N/A	N/A	Economics and Personal Finance	Elective



Geospatial Technologies Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11	English 12
	History and Social Sciences	Center World History I	Center World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics	Pre-calculus OR AP Pre-calculus OR DE Pre-calculus
	Science	Center Environmental Science	Biology	Chemistry OR DE Chemistry	Physics OR DE Physics
	World Language	World Language I	World Language II	World Language III	World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Geosystems	Geospatial Technology I	Geospatial Technology II	Applied Geospatial Analytics & Project Management Capstone
	Suggested Elective	Elective	Elective	Python Programming	
	Elective	N/A	N/A	Economics and Personal Finance	Elective



Global Logistics and Supply Chain Management Pathway Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11	English 12
	History and Social Sciences	Center World History I	Center World History II	Virginia and United States History	Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics	Pre-calculus OR AP Pre-calculus OR DE Pre-calculus
	Science	Center Environmental Science	Biology	Chemistry OR DE Chemistry	Physics OR DE Physics
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Geosystems	Global Logistics and Enterprise Systems I	Global Logistics and Enterprise Systems II	Supply Chain Operations and Innovation Capstone
	Suggested Elective	Elective	Elective	Python Programming	Elective
	Elective	N/A	N/A	Economics and Personal Finance	Elective



Sustainable Energy Systems Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
	History and Social Sciences	Center World History I	Center World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics
		Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics	AP Pre-calculus OR DE Pre-calculus
	Science	Center Environmental Science	Biology	Chemistry OR DE Chemistry	Physics OR DE Physics
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	Geosystems	Sustainable and Renewable Technologies	Renewable Energy	Energy and Power Capstone
	Suggested Elective	Elective	Elective	Economics and Personal Finance	Elective
	Elective	N/A	N/A		Elective

ARTS, MEDIA, AND PRODUCTION CENTER AT HARTWOOD HIGH SCHOOL

Empowering Minds. Inspiring Futures.

The Arts, Media, and Production (AMP) Center at Hartwood High School prepares students for careers as Digital Content Creators, Audio Technicians, Music Engineers, Graphic Designers, and more. Students engage in hands-on, project-based learning in creative arts and digital media, fostering innovation and collaboration. The curriculum allows specialization in areas like Live Event Management, Music Production, and Visual Arts through rigorous coursework, internships, and capstone projects, equipping them for diverse degrees and careers in the arts and media fields.

AMP students create professional-quality work using industry-standard equipment and software found in recording studios, design agencies, and production companies. From producing podcasts and music tracks to designing brand identities, creating video content, and managing technical aspects of live performances, students build impressive portfolios that demonstrate their capabilities to both colleges and employers. The program emphasizes the business side of creative industries, teaching students how to market their skills, manage projects, and work with clients. Through partnerships with local businesses, performance venues, and media professionals, students gain real-world experience that bridges classroom learning and professional practice. Whether students dream of launching their own creative agency, working in entertainment production, designing for major brands, or managing live events, AMP provides both the artistic foundation and professional skills needed to transform creative passion into sustainable careers in competitive creative industries.

Student Pathways and Eligibility Criteria

The AMP Center will have four pathways of study and are open to students in grade 9:

Digital Content Production	*Learn to write, shoot, and edit professional films, streaming content, and viral video media, mastering the cameras and software used by today's top filmmakers and creators.*
Live Event Management	*Run the show and master the audio, lighting, and stage design for concerts and large-scale events, learning the high-tech logistics and crucial planning skills to bring any vision to a live audience.*
Audio Engineering and Production	*Use industry-standard gear and software to record, edit, and produce music, podcasts, and sound effects.*
Visual Arts	*Gain foundational skills in 2D drawing, painting, and 3D sculpture, while also mastering digital art tools for a complete pathway into the creative economy.*

Potential Credentials

- Adobe Certified Professional
- Autodesk Certified Professional
- Digital Video Editor
- Avid Certified Professional
- Avid Certified Specialist



Digital Content Production Pathway
Sample Course Sequence

	LAUNCH	LEARN		LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
History and Social Sciences	Center World History I	Center World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
Mathematics	Algebra I	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus OR DE Quantitative Reasoning and DE Statistics
Mathematics	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics OR Pre-calculus OR DE Pre-calculus	AP Calculus OR DE Calculus
Science	Environmental Science OR Biology	Biology OR Chemistry	Chemistry OR Physics	DE Environmental Science OR Science Elective
World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses: Pathway Requirement	The Arts, Culture, and Society	Introduction to Digital Content and Communications	Animation and Digital Content Creation	Video and Media Technology with Capstone
Suggested Elective	Elective	Elective	Digital and Social Media Marketing	Elective
Suggested Elective	N/A	N/A	Economics and Personal Finance	Elective



Live Event Management Pathway
Sample Course Sequence

		LAUNCH	LEARN		LEAD
		9th Grade	10th Grade	11th Grade	12th Grade
	English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
	History and Social Sciences	Center World History I	Center World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
	Mathematics	Algebra I	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus OR DE Quantitative Reasoning and DE Statistics
	Mathematics	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics OR Pre-calculus OR DE Pre-calculus	AP Calculus OR DE Calculus
	Science	Environmental Science OR Biology	Biology OR Chemistry	DE Quantitative Reasoning and DE Statistics OR Pre-calculus OR DE Pre-calculus	AP Calculus OR DE Calculus
	World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
	Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses	Pathway Requirement	The Arts, Culture, and Society	Introduction to Live Production and Safety	Technical Production and Systems	Live Event and Project Management with Capstone
	Suggested Elective	Elective	Elective	Elective	Elective
	Suggested Elective	N/A	N/A	Economics and Personal Finance	Elective



Audio Production and Engineering Pathway Sample Course Sequence

	LAUNCH	LEARN		LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
History and Social Sciences	Center World History I	Center World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
Mathematics	Algebra I	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus OR DE Quantitative Reasoning and DE Statistics
Mathematics	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics OR Pre-calculus OR DE Pre-calculus	AP Calculus OR DE Calculus
Science	Environmental Science OR Biology	Biology OR Chemistry	Chemistry OR Physics	DE Environmental Science OR Science Elective
World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses: Pathway Requirement	The Arts, Culture, and Society	MIDI and Music Production Fundamentals	Audio Production and Recording I	Audio Production and Recording II with Capstone
Required Elective	N/A	Music Theory	Elective	Elective
Elective	Elective	N/A	Economics and Personal Finance	Elective



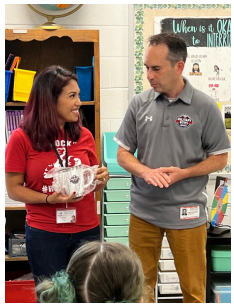
Visual Arts Pathway
Sample Course Sequence

	LAUNCH	LEARN		LEAD
	9th Grade	10th Grade	11th Grade	12th Grade
English	Center English 9	Center English 10	English 11 OR DE English 11	English 12 OR DE English 12
History and Social Sciences	Center World History I	Center World History II	Virginia and United States History OR DE Virginia and United States History	Virginia and United States Government OR DE Virginia and United States Government
Mathematics	Algebra I	Geometry	Algebra II	Pre-calculus OR DE Pre-calculus OR DE Quantitative Reasoning and DE Statistics
	Geometry	Algebra II	DE Quantitative Reasoning and DE Statistics OR Pre-calculus OR DE Pre-calculus	AP Calculus OR DE Calculus
Science	Environmental Science OR Biology	Biology OR Chemistry	Chemistry OR Physics	DE Environmental Science OR Science Elective
World Language	World Language I	World Language II	World Language III	World Language IV OR DE World Language IV
Health and Physical Education	Health and Physical Education 9	Health and Physical Education 10	N/A	N/A
Pathway Required Courses: Pathway Requirement	The Arts, Culture, and Society	Foundations of Visual Art and Design	2D and 3D Studio Arts	Digital Arts and Graphic Design with Capstone
Suggested Elective	Elective	Elective	Elective	Elective
Suggested Elective	N/A	N/A	Economics and Personal Finance	Elective

Stafford Schools
AT A GLANCE









SCHOOLS & PROGRAMS	35 (38*)
Elementary Schools	17 (19*)
Middle Schools	8
High Schools	5 (6*)
Alternative Education Program	1
Public Day School Programs	2
Early Childhood Education Programs	2

*Three Schools are Projected to Open Fall 2026

STUDENT ENROLLMENT	31,916

Stafford Schools students represent 124 countries of birth and speak 110 languages.

Asian	2,222 (7.0%)
African American	7,091 (22.2%)
Hispanic / Latino	8,056 (25.2%)
Multi-racial	2,717 (8.5%)
Caucasian	11,688 (36.6%)
American Indian/Native American	67 (0.2%)
Native Hawaiian/Pacific Islander	75 (0.2%)
Economically Disadvantaged Students	12,219 (38.3%)
Special Education	4,637 (14.5%)
English Language Learners	5,240 (16.4%)
Military Connected	3,091 (9.7%)

STAFF (FULL AND PART TIME)	4,934

ANNUAL BUDGET	$488.2 MILLION
% OF BUDGET FROM COUNTY 2010	45.1
% OF BUDGET FROM COUNTY 2025	36.7

From FY26

*3 New Schools Opening in August 2026

Stafford County Public Schools
Inspire | Empower | Excel

MISSION

Inspire and empower every student

VISION

Prepared to excel

VALUES

- **Students**
- **Integrity**
- **Respect**
- **Community**
- **Opportunity**
- **Excellence**

ABOUT US

Stafford County Public Schools (Stafford Schools) serves a diverse population of 31,916 students in 35 schools and programs. Stafford County covers 280 square miles and has an estimated total resident population of 169,946. Stafford Schools is a high-performing school division that invests in all staff to ensure meaningful post-secondary outcomes for every student, preparing them for life after graduation.

#ElevateStafford

VISION

Prepared to Excel

MISSION

Inspire and empower every student.

VALUES

Students
Integrity
Respect
Community
Opportunity
Excellence

Stafford County Public Schools
31 Stafford Avenue
Stafford, VA 22554
540-658-6000

Stafford County Public Schools
Inspire | Empower | Excel