



Principal: Ms. Margaret Chung
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careercenter.apsva.us/arlington-tech/

PROGRAM HIGHLIGHTS

- First Graduating Class 2020
- Project Based Learning
- Rigorous College Course Work
- STEM/CTE Course Pathways
- Capstone Experience
- Advanced Studies Diploma

MISSION To provide our students with a rigorous learning environment which inspires and develops self-directed paths to college success and in-demand careers through the integration of project-based learning, college-level coursework, STEM, and Career and Technical Education.

VISION To be a dynamic community that works to solve real-world problems through the development and application of creative, agile, and critical thinking, collaboration and authentic leadership.

Program Details

Rigorous College Coursework Our students experience rigorous college level academics through dual-enrollment (DE) courses with Northern Virginia Community College. Students have opportunities to earn DE credit in all core content, world languages, and CTE courses.

Project Based Learning Project Based Learning (PBL) is an instructional method that enables and encourages students to become self-directed inquirers of content and skills through active exploration of real-world challenges and problems. At Arlington Tech, students engage in PBL in all coursework.

STEM/CTE Pathways The Arlington Tech program is designed to integrate core academics with Career and Technical Education (CTE) courses to provide creative and authentic learning opportunities, develop professional skills, and engage in career exploration.

Culminating Capstone Experience The 12th grade Capstone Experience is a work-based opportunity that serves as the culmination of a student's cross-curricular project-based learning and career development. A gateway to apply knowledge and technical expertise in an industry setting. Students have many options to gain experience via internships, project consultancy, or serving as the principal in a research project.

Arlington Tech Course Sequence (DE) indicates Dual Enrolled/Early College Credit Course

Subject	Grade 9	Grade 10	Grade 11	Grade 12
Math	Algebra I/Geometry Geometry Intensified Algebra II Alg. II/Trig Intensified Pre-Calculus	Algebra II Alg. II/Trig Intensified Pre-Calculus (DE)(MTH 163/164) Calculus (DE)(MTH 263/264)	Pre-Calculus (DE)(MTH 163/164) Calculus (DE)(MTH 263/264) Probability & Statistics	Calculus I (DE) (MTH 263) Calculus II (DE) (MTH 264) Statistics (DE) (MTH 245/246) Probability & Statistics
English	English 9 English 9 Intensified	English 10 English 10 Intensified	English 11 English 11 - Comp. (DE)(ENG 111/112)	English 12 Literature (DE) (ENG 243/244)
Science	Biology Biology Intensified	Chemistry Chemistry Intensified	Physics Physics I - Mech. (DE)(PHY 201/202)	Physics I - Mech. (DE)(PHY 201/202) Physics II - E&M (DE)(PHY 201/202) Biology (DE)(BIO 101/102) Ecology
Social studies	World History World History Intensified	Econ & Personal Finance	US & VA History US & VA History (DE)(HIST 121/122)	US Government US Government (DE)(PLS 211/212)
CTE	Two Credit CTE Course	Two Credit CTE Course	Two Credit CTE Course	Capstone Internship
Health/PE	Health/PE I	Health/PE II	One Credit CTE or Elective Course	Capstone Internship
World Language**	Level I Level II Level III	Level II Level III Level IV One Credit CTE or Elective Course	Level III Level IV Level V (DE)(SPA 201/202) One Credit CTE or Elective Course	Capstone Internship

** World Language offerings include Spanish, French, Latin, ASL, Online Arabic, and Online Chinese.

School and Community

Arlington Tech is a public option high school program housed at the Arlington Career Center in Arlington, Virginia as part of Arlington County Public Schools. Arlington County is an urban county of approximately 222,800 residents. Arlington is incredibly diverse, reflected by children who speak 81 languages from 96 different countries. Additionally, Arlington is one of the most educated counties in the nation, as in 2015, 72.9% of adults age 25 or older had a bachelor's degree or higher and 38.4% hold a graduate or professional degree.



Arlington Tech is the only high school in Northern Virginia that offers students a pathway to earn a Certificate of General Education and an Associates Degree from Northern Virginia Community College.

Summary of Students

Arlington Tech was established in 2016, and therefore has yet to have a graduating class. The data below is based on the current student population in grades nine through eleven.

2019 Ethnic Distribution

Asian	7.0%
Black/African American	6.1%
Hispanic	26.8%
Two or More	7.0%
White	53.0%

2019 GPA Distribution

4.0+	10.9%
3.5-3.99	0.4%
3.0-3.49	26.2%
2.5-2.99	16.9%
2.0-2.49	5.5%
1.5-1.99	0.0%
1.0-1.49	0.0%

SAT scores, ACT scores, and percentage of students attending four year or two year colleges are not yet available as our student population is comprised of freshmen through juniors.

* GPA distribution represents cumulative GPA data of students who have completed at least one full year of high school coursework.

Grading System

Letter	Percent	Points	DE Points
A	90-100	4.0	5.0
B+	87-89	3.5	4.5
B	80-86	3.0	4.0
C+	77-79	2.5	3.5
C	70-76	2.0	3.0
D+	67-69	1.0	2.0
D	60-66	1.0	2.0
E	0-59	0.0	0.0

Grade point averages are computed for all high school level courses. Dual Enrolled courses earn an additional quality point. Valedictorian status is awarded to all students earning 4.0 GPA or above.

Diploma Requirements

Advanced Diploma - 26 credits

English	4
Mathematics (At or Above Algebra I)	4
Lab Science	4
History/Social Science	4
Economics & Personal Finance	1
World Language**	3/4
Health/Physical Education	2
Fine Arts/Career Technical Education	1
Electives	3

**Three years of one language or two years of two languages

Standard Diploma - 22 credits

English	4
Mathematics (At or Above Algebra I)	3
Lab Science	3
History/Social Science	3
Economics & Personal Finance	1
World Language, Fine Arts, or CTE	2
Health/Physical Education	2
Electives	4



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Arlington Tech
Infinite Possibilities
Arlington Career Center