



Arlington Tech
 Infinite Possibilities
 Arlington Career Center

Principal: Ms. Margaret Chung
 Assistant Principal: Ms. Jessica Baker
 Assistant Principal: Mr. Cory Mainor
 Coordinator: Dr. Michelle Van Lare

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816 S. Walter Reed Drive / Arlington, VA 22204 / 703.228.5800



AT THE ARLINGTON CAREER CENTER

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 Geometry Intensified Algebra II Alg. II/Trig Intensified Pre-Calculus | Algebra Functions/Data Analysis Algebra II Alg. II/Trig Intensified Pre-Calculus (DE)(MTH 163/164) Calculus (DE)(MTH 263/264) | Quantitative Analysis (DE)(MTH 154) Pre-Calculus Pre-Calculus (DE)(MTH 163/164) Calculus (DE)(MTH 263/264) Probability & Statistics | Pre-Calculus Pre-Calculus (DE) 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 251/243) Comp. (DE)(ENG 111/112) |
| Science | Biology Biology Intensified | Chemistry Chemistry Intensified | Principals of Physics Physics Physics I - Mech. (DE)(PHY 201/202) Environmental Science (DE) (ENV 121/122) | Physics I - Mech. (DE)(PHY 201/202) Physics II - E&M (DE)(PHY 201/202) Biology (DE)(BIO 101/102) Environmental Science (DE) (ENV 121/122) Astronomy |
| Social studies | World History World History Intensified | Econ & Personal Finance AP Economics | 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, German, and Online Chinese.

COVID-19 RESPONSE

Arlington Public closed school on March 13, 2020 due to the coronavirus pandemic. For the 4th quarter of the 2019-2020 school year, students were given the opportunity to complete work which reinforced or enriched content taught to the point of closure. No new work was presented. Students who completed the assigned work in 4th quarter earned one letter grade higher for the year than the average they had at the end of 3rd quarter. The 2020-2021 school year was completely on-line. Students attended class virtually T-F for 50 min. blocks of synchronous learning per class. Teachers assigned an additional 30 min. of asynchronous work per class during the week as well as asynchronous work for Mondays.

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

2021 Ethnic Distribution

| | |
|------------------------|-------|
| Asian | 7% |
| Black/African American | 10.4% |
| Hispanic | 26.7% |
| Two or More | 7.4% |
| White | 48% |

2021 GPA Distribution

| | |
|----------|-------|
| 4.0+ | 20.6% |
| 3.5-3.99 | 28% |
| 3.0-3.49 | 22.6% |
| 2.5-2.99 | 11.4% |
| 2.0-2.49 | 3.6% |
| 1.5-1.99 | 3.3% |
| 1.0-1.49 | 0% |

* 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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