

CONSTRUCTION TECHNOLOGY

Spring Village Residential Construction Site
Fairfax County Public Schools and Foundation for Applied Technical Education, Inc.



CONSTRUCTION TECHNOLOGY I

CONSTRUCTION TECHNOLOGY II

INDUSTRY CREDENTIALING

PROGRAM INFORMATION

“BUILDING THE FUTURE, ONE STUDENT AT A TIME”



Spring Village Estates, Springfield, Virginia

Construction Technology I and II is offered at the Spring Village Residential Construction Site. Through a partnership with the Foundation for Applied Technical Education, Inc., students have an opportunity to build a single-family home using a specialized course curriculum developed with the National Association of Home Builders.

Students receive classroom instruction at the site and apply that knowledge to a house under construction. Students work in many different areas of home building and participate in the varied stages of completion.

Students develop skills in concrete installation, framing, tile, electrical, plumbing HVAC, and other areas of home building.

The construction technology courses allow the students to practice, apply, and expand their skills and knowledge as they build houses in Spring Village.



In 1970, Fairfax County Public Schools in cooperation with the local business and professional community created an innovative education program to develop vocational skills with direct application to future employment. This partnership is called the Foundation for Applied Technical Education, Inc. (FATE). These representatives are dedicated to assisting FCPS in providing “real world” educational experiences for high school students.



Where are the classes located?

The construction sites are in the Spring Village Estates, Springfield, VA.

Who can participate?

Open to all students in Grades 10-12. (Must be 16 years of age)

When are the classes scheduled?

Classes are Monday – Friday, with options for morning, midday, or afternoon periods.

Is transportation provided to the construction site?

School system transportation may be provided.

How do I register?

Complete the CTE Academy and Specialized Program Application with your school counselor. Select *Construction Technology I (860129 – 1 credit or 860125 – 2 credit)* or *Construction Technology II (860225- 2 credit)* @ Spring Village Residential Construction Site.



REASONS TO ENROLL

TRADE AND INDUSTRIAL EDUCATION

According to the 2019 Virginia Employment Commission:

**Construction Industries is projected to be...
“a high growth” occupation.**

General Construction Workers earn a median income of \$31,848 per year. The projected job outlook is considered to grow much faster than average.

Supervisors of Construction Trades earn a median income of \$60,700 per year. First Line Supervisors also are considered for faster than average job growth.

Contact Information:

Trade and Industrial
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Office of Career and Technical Education
Whitney Ketchledge, Coordinator

Fairfax County Public Schools
Instructional Services Department

www.fatefacts.org

-  Work Outdoors
-  Gain Real Job Experience
-  Learn Construction Industry

Experience the satisfaction of learning on-the-job skills with certified instructors! Enroll for an exceptional opportunity to begin learning skills that will provide a job opportunity in the future!

SKILLSUSA INDUSTRY CERTIFICATION

Participation in SkillsUSA is highly recommended and an option for students enrolled in this program. Partner with trade and industry professionals, teachers, and students to develop leadership and competition skills.

Students may earn 10-Hour Construction Industry Certification and International Code Council Certification after completing these courses.



*“Building the future,
one student at a time.”*



No student in Fairfax County Public Schools shall on the basis of race, color, sex (including sexual harassment, Title IX, and pregnancy), marital status, religion, national origin, age (40 or older), disability, or genetic information be excluded from or denied enrollment in any academic activity or course. The director of the Office of Equity and Compliance has been designated to handle inquiries and complaints regarding nondiscrimination policies to include those covered until Title IX and can be reached at 571-423-3050. For concerns regarding compliance under Section 504 of the Rehabilitation Act of 1973, please contact the coordinator Due Process and Eligibility at 703-317-3030.