Computers and Technology at Virginia Tech (C-Tech) introduces rising junior and senior high school girls to engineering and related technologies through various hands-on activities, laboratories, and presentations. C-Tech also provides participants with the opportunity to learn about college life - from residence halls to classrooms and everything in-between.

Imagination acquaints middle-school students to science, technology, engineering, and mathematics (STEM) through challenging but entertaining hands-on activities, stimulating their interest in these areas. The camp consists of two one-week sessions with a different group of students attending each week. Those who attend are primarily rising seventh- and eighth-grade students from area schools.

Pre-College Initiative (PCI), a program structured around both academic and social activities, is designed to strengthen students’ overall academic knowledge while raising their academic and career aspirations. They experience exciting hands-on science, math, and engineering activities. In addition, students experience on-going visits to VT’s campus where they learn about the admissions process, college preparation, and college life in general.

Student Transition Engineering Program (STEP)—Experience college life before fall semester begins. Meet people majoring in engineering and have a network before classes begin. Learn how to utilize VT resources for students. Get to know faculty and staff in the College of Engineering.

Center for the Enhancement of Engineering Diversity, College of Engineering, Virginia Tech

Mentoring Programs—Meet other engineering students. Succeed in engineering classes. Have dinner once a month in a local restaurant. Seek advice from students who are successful engineering students.

Women’s Preview Weekend—Stay overnight in the Hypatia Engineering Community. Get a firsthand look at VT and the College of Engineering. Meet current students and faculty.

www.eng.vt.edu/ceed

Hypatia/Galileo, Engineering Learning Communities—Live on the same hall and take classes with other engineering students. Give and receive support in the pursuit of an engineering degree. Learn academic success strategies.

inVenTs—Collaborate with other students interested in envisioning, creating, and transforming innovative ideas in an interdisciplinary living-learning space with four residential communities, including Hypatia and Galileo. With access to a state of the art design lab in Lee Hall, students participate in design competitions hosted by industry and engineering departments.