ENGINEERS ARE IN HIGH DEMAND ACROSS THE COUNTRY.

In general, our engineering transfer degree is a more rigorous program mathematically and provides a comprehensive foundation for transfer to a four-year institution. Engineers typically have the lead role in engineering projects, such as new product development, engineering design work or analysis, production management, and consulting.

Our engineering technology programs offer a more hands-on curriculum designed to move you directly into the engineering field in supporting roles in quality assurance, prototype model construction and testing, safety, reliability assessment, design modification, and production.

ENGINEERING, SCIENCE & MATHEMATICS CAREER PATHWAY

PROGRAM

ASSOCIATE OF SCIENCE IN ENGINEERING (TRANSFER)

Complete in as few as 4 semesters / 68 credits

TCC’s Associate of Science in Engineering is a transfer program that prepares you to tackle a challenging engineering program at a four-year college or university. The curriculum covers an array of theoretical and practical topics including mechanical, electrical, and computer engineering; modeling and simulation; materials; circuits; and much more.

And because TCC’s transfer degrees generally fulfill the requirements of the first two years at a four-year college, you’ll transfer as a junior and save big on the cost of your degree.

With the required GPA and course work, you can take advantage of guaranteed transfer to the best colleges and universities in Virginia, including Virginia Tech, the University of Virginia, and Virginia Commonwealth University!

SELECTIVE ADMISSION

Admission to the engineering transfer program is selective. To qualify for this competitive major, you must meet general admission standards and satisfy additional requirements through prerequisite course work or place into College Composition (English 111) and Calculus with Analytical Geometry I (Mathematics 263) or higher based on the Virginia Placement Test.

You may select the engineering program on your admissions application; however, you will be placed in the general science program until an academic advisor evaluates your additional requirements and approves you for entrance into the engineering curriculum.

TCC FAST FACT

GET TO KNOW YOUR FELLOW STUDENTS BY PARTICIPATING IN PROJECTS WITH ENGINEERING CLUBS ON THE CHESAPEAKE AND VIRGINIA BEACH CAMPUSES.

POSSIBLE CAREER PATHS

Engineers are in great demand in business, industry, education, research, and government. TCC graduates find careers in aerospace, computer, environmental, civil, electrical, mechanical, mining/metallurgical, and nuclear engineering.

IS THIS PROGRAM FOR YOU?

Yes, if you:
- have taken high-level math and science courses
- demonstrate strong problem-solving skills
- enjoy a rigorous and challenging curriculum

PROGRAM AVAILABILITY

- Chesapeake
- Virginia Beach