



# Engineers PRODUCED

*in Virginia*

## About PRODUCED in Virginia

The U.Va. Engineering School's PRODUCED in Virginia program provides students with the opportunity to enroll in their local participating community college to earn an Associate of Science in Engineering degree (or equivalent) and become eligible to enter U.Va.'s engineering undergraduate program. Students can then earn their four-year engineering degree from U.Va. in Charlottesville or in their community.

With the increased demand for engineers in the Commonwealth, PRODUCED in Virginia partners higher education with local communities and businesses and uses the existing educational infrastructure to develop the engineering workforce and revitalize local economies.

## The PRODUCED in Virginia Experience

- » Students earn an Associate of Science in Engineering degree (or equivalent) at their participating local community college.
- » Those Virginia Community College System students who earn an overall GPA of 3.4 or higher and satisfy selected additional criteria can apply and will be **automatically admitted to U.Va.'s Engineering School**.
- » Other highly qualified graduates of the Associates degree program can apply for regular admission to U.Va.'s Engineering School.
- » Accepted students can **remain in their community** while completing the second half of the Bachelor of Science degree in Engineering Science.

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## How To Make It Work

Courses in the U.Va. portion of the community-based bachelor's degree program are offered using distributed education technology. Students can learn at home, or can access the courses at their local community college or higher education center. While studying with U.Va., students should expect to make a small number of visits to Charlottesville. The exact number of visits will depend upon the specific courses taken. A typical student can expect to make 10-12 visits during their course of study.

While full-time studies are possible, the U.Va. portion of the program is also designed to accommodate part-time students. It allows students to complete that part of the program over three years, during which they take no more than seven course credits at any one time.



## The Engineering Science Degree

At present, U.Va. offers access to its Bachelor of Science in Engineering Science through PRODUCED.

## Requirements

Associate of Science in Engineering plus 5–6 courses in a primary minor plus 5–6 courses in a secondary minor plus 5–6 courses in an area of concentration plus an advanced project in the final year

- » Courses in two technical minors with organized plans of study in traditional engineering disciplines, such as mechanical engineering, electrical engineering, materials science and engineering and chemical engineering
- » A set of related courses in an area of concentration, such as advanced manufacturing, nanotechnology, or sustainability.
- » An advanced project during the final year to draw together interdisciplinary studies in a cohesive activity, conducted in conjunction with a technical mentor in a local company

## Partners In Success

The PRODUCED in Virginia program was born out of a desire to help citizens of the Commonwealth succeed; it would be impossible to implement without the high-level relationships and formal collaborations that have been established. Partners in the program include the Virginia Community College System, the Southwest Virginia Higher Education Center, the Micron Foundation, the Virginia Tobacco Commission, the National Science Foundation and the University of Virginia.

An increasing number of businesses are also joining the program and contributing to its success. Many PRODUCED in Virginia students are sponsored in the program by companies in their communities. Sponsorships range from simple mentoring relationships between working engineers and students all the way up to full tuition and books and current employment opportunities for some. If you are interested in becoming a sponsor, please contact James Groves, U.Va. Engineering School's Assistant Dean for Research and Outreach, at [jgroves@virginia.edu](mailto:jgroves@virginia.edu).





## PRODUCED In Virginia Benefits You

- » **FOR STUDENTS**, the program is less expensive than other degree options. It provides in-community access to a U.Va. degree and engineering employment opportunities. It helps students to develop global engineering skills through the use of modern communication tools and access to international education opportunities.
- » **FOR COMPANIES**, PRODUCED is a high-technology workforce development initiative in your community.
- » **FOR COMMUNITIES**, PRODUCED fosters economic development, allowing communities to develop local talent, enhance high-technology industries and attract new businesses.
- » **FOR SCHOOLS**, PRODUCED provides an opportunity to attract additional students to the study of science, technology, engineering and math.

### Information

For further information, contact:  
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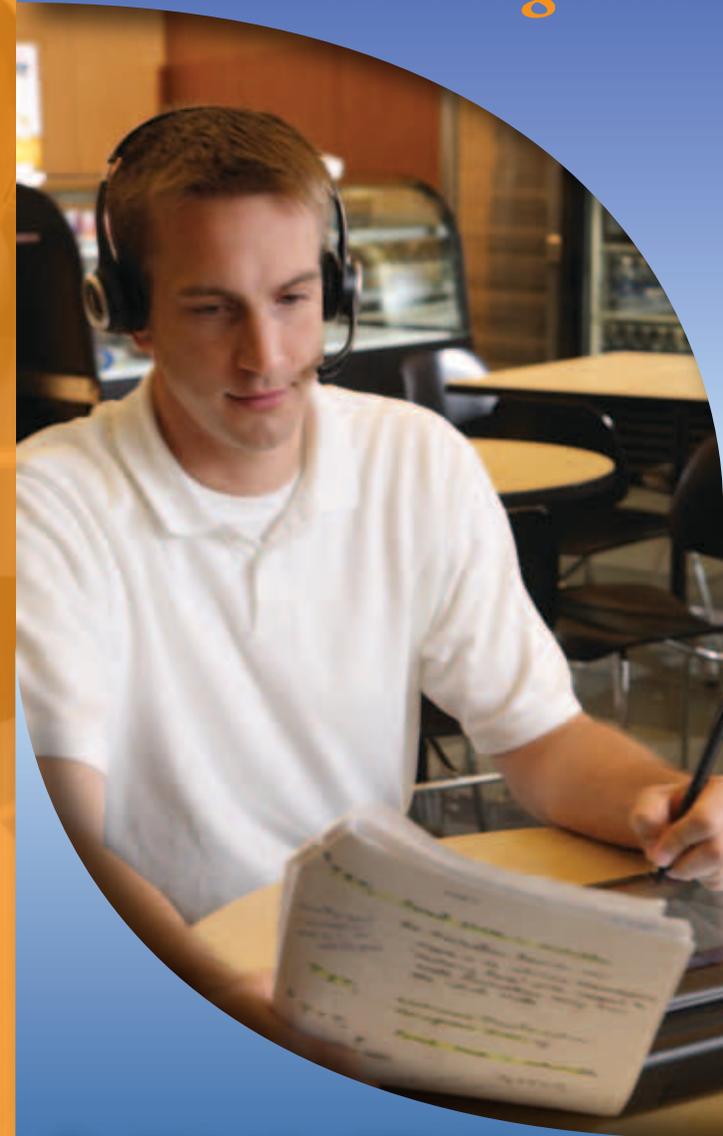
For Web-based information, visit:  
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Guaranteed Admission Agreement  
[www.vccs.edu/Students/Transfer/tabid/106/Default.aspx](http://www.vccs.edu/Students/Transfer/tabid/106/Default.aspx)



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The University of Virginia  
providing undergraduate connections  
to engineering education