

Pre-Orientation Checklist

- BOOKMARK** the Department of Engineering Education “General Engineering” website
<http://www.enge.vt.edu/undergraduate>
- SEND** all AP, IB, CLEP, Cambridge, and transfer credit from all previous institutions to VT
<http://enge.vt.edu/undergraduate/Courses.html>
- CREATE A NEW PID** (allow 24 hours before completing the remainder of this checklist)
<http://pidgen.vt.edu>
- ENROLL** in the 2-Factor Authentication with Duo
<http://www.tech.it.vt.edu/2factor>
- DOWNLOAD** the DUO Mobile App on your personal smartphone and enroll the device
https://vt4help.service-now.com/kb_view_customer.do?sysparm_article=KB0010700#installduomobile
- ACCESS, READ, USE** your VT Google Apps Mail Email daily
https://vt4help.service-now.com/sp?id=kb_article&sys_id=66cf34110f76e500d3254b9ce1050ef3
- ADD** your VT email to your personal smartphone that you will be bringing to orientation
https://vt4help.service-now.com/kb_view.do?sysparm_article=KB0010153#mobile
- SIGN UP** for orientation (**Deadline: June 4**)
<http://www.hokiespa.vt.edu/>
 - Click Hokie Spa
 - Click Information for New Students
 - Click New Student Orientation then Sign up for Orientation
- COMPLETE** the Pre-Orientation Form and Spatial Visualization Exercise (**Deadline: June 4**)
*First-Year Students only, this is **not** required for transfer students*
<https://canvas.vt.edu>
 - Click GE Orientation: 2017
 - Click Quizzes
 - Click/Complete Pre-Orientation Form
 - Click/Complete Spatial Visualization Exercise
- PREPARE** for Class Registration (**Deadline: June 4**)
<http://www.hokiespa.vt.edu>
 - Click Hokie Spa
 - Click Registration and Schedule
 - Click on Prepare for Registration
 - Update Emergency Contact Address, Confirm Emergency Contact Address, Sign up for VT Alerts, Read/Confirm the Self-Disclosure of Arrest/Conviction, Read/Confirm the Student Financial Responsibility
- REVIEW/PURCHASE** engineering supplies
http://enge.vt.edu/content/dam/enge_vt_edu/undergraduate/orientation/engineering_supply_list.pdf
- COMPLETE** the immunization history requirements
http://www.healthcenter.vt.edu/new_student/required_immunizations.html
- REVIEW** FERPA disclosure
<http://registrar.vt.edu/contact/FERPA.html>
- REVIEW** living-learning community options
www.housing.vt.edu/llc
- COMPLETE** the housing/dining contract
http://housing.vt.edu/contracts/apply/first_year_students.html
- REVIEW** the Frequently Asked Questions on pages 2-4.

Frequently Asked Questions

What is my current major?

All students admitted to the College of Engineering are classified as “General Engineering”

Why is my major General Engineering?

The first-year general engineering program allows you to explore engineering concepts and specific disciplines within an interdisciplinary engineering curriculum. Research in engineering education shows that you are more likely to be successful with a foundation that allows you to develop a sense of community and strengthen motivation for success in the field.

What should I do to get started as an engineering student at Virginia Tech?

Complete all items listed above on the [Pre-Orientation Checklist](#)

Is orientation mandatory for the College of Engineering?

Yes, all students are required to attend new student orientation and will register on Hokie Spa for a specific date. Session dates are available on a first come, first serve basis. If you have difficulty registering for orientation, please contact New Student Programs via email orientation@vt.edu.

How do I take summer classes at Virginia Tech?

You can get a jumpstart on your college experience by joining us in the [2017 Virginia Tech Summer Academy](#). This is a special opportunity only available to first-year students to experience Virginia Tech in a unique setting. Tracks 7, 8, or 9 are more appropriate for engineering students. Space is limited for this special experience; apply today at vtsa.edm.vt.edu.

I have applied and plan to participate in Summer Academy and/or STEP, should I register for orientation on Hokie Spa?

Yes, all admitted College of Engineering students will use Hokie Spa to register for orientation, if you are accepted into the program we will make adjustments to your orientation session date to align with the program’s schedule.

What courses will I take during the first-year at Virginia Tech?

First-year courses can be located at: <http://enge.vt.edu/undergraduate/Courses.html>

What computer is recommended?

Please see: <https://www.eng.vt.edu/computer-requirement/onedevic>

How do I register for classes at Virginia Tech?

You will be pre-registered for [first-year engineering courses](#) prior to orientation and schedule adjustments are made as Virginia Tech receives AP, IB, and expected transfer credits.

When do I get to see my class schedule?

You will be able to see your class schedule and make adjustments during the class registration/advising portion of orientation. All class scheduling questions and concerns will be addressed at orientation.

What should I expect during the class registration/advising session at orientation?

You will learn about being a first-year engineering student and use Hokie Spa to finalize your class schedule with the assistance of engineering academic advisors in a group computer lab setting. Your advising time and location will be printed on the nametag you receive during orientation check-in; time changes cannot be accommodated. We will conclude class registration by 12:30 p.m., please do not expect to be completed prior to that time.

Why is it extremely important to complete the [Prepare for Registration](#) section on the pre-orientation checklist?

During the class registration session at orientation these requirements must be complete before we can begin the registration process. These requirements are required of all Virginia Tech students prior to each class registration period.

Do I need to complete placement exams?

- **English**- A placement exam is not administered for English; [English placement](#) is based on SAT scores and high school class rank and will be available to view at orientation.
- **Math** -[Math readiness](#) or the ability to take MATH 1225-Calculus of a Single Variable is based on SAT scores, AP calculus, and high school class rank. If you are classified as math not-ready you will be notified in late June and are given the opportunity to take a math readiness exam at orientation.
- **Spatial Visualization** - The College of Engineering requires that you complete the [Spatial Visualization Exam](#) to assess your spatial skills. Students scoring below the threshold will be placed into a 1 credit spatial visualization skills course.
- No additional placement options are required.

I have expected AP, IB, CLEP, Cambridge Credits, where do I send the scores?

Scores should be sent directly from the testing agency to the Office of the University Registrar at Virginia Tech (school code 5859). If you took exams in multiple years, request that your entire score report be sent during your senior year.

I have expected Dual Enrollment/Transfer Credits, where do I send my transcripts?

Official transcripts should be sent directly to the Office of Undergraduate Admissions, Virginia Tech, 925 Prices Fork Road, Blacksburg, VA 24061 from the college or university that the courses were taken through (high school transcripts cannot be used to award dual enrollment or transfer credits).

How will my expected AP, IB, CLEP, Cambridge, Dual/Transfer Credits Transfer?

The below charts will help you determine the appropriate equivalency:

- [Advanced Placement \(AP\) Credit](#)
- [International Baccalaureate \(IB\) Credit](#)
- [College Level Examination Program \(CLEP\)](#)
- [University of Cambridge International Examinations](#)
- [Virginia Community College Transfer Guide](#)
- [Transfer Equivalency Database](#) (2 year schools outside the VCCS or from 4 year schools that have been previously evaluated).

How do I know that Virginia Tech has received my expected AP, IB, CLEP, Cambridge, Dual/Transfer Credits?

Log into Hokie Spa, click Hokie Spa, Grades Menu, then Transfer and Other Additional Credit.

Should I accept my AP credits?

This decision should be based on how prepared you feel and if you believe you will be successful in the next level of the course if applicable. When evaluating your knowledge of the subject use the following scale for AP/IB:

- 3 equates to a "C" grade level of knowledge
- 4 equates to a "B" grade level of knowledge
- 5 equates to a "A" grade level of knowledge

I have several expected transfer credits; can I take in-major or discipline specific courses while in General Engineering?

Approximately 78% of College of Engineering students enter VT with expected transfer credits. In most cases the credits will transfer however they don't always match the specific requirements necessary for an engineering degree. All of our college of engineering majors are competitive for entry therefore students are not permitted to take in major degree-granting specific courses until officially in a specific discipline. You will work with an engineering advisor at orientation to accommodate your transfer credits.

What courses are required to graduate with an engineering degree?

See the [College of Engineering Undergraduate Graduation Requirements \(checksheets\)](#) for details

What courses count for Curriculum for Liberal Education?

[Curriculum for Liberal Education \(CLE\)](#) is required for all undergraduates and empowers students with a broad base of knowledge and transferable skills. See the CLE slider at: <http://enge.vt.edu/undergraduate/Courses.html> for the engineering CLE chart and [alphabetical listing](#) for the list of courses and their corresponding area.

How can I connect with current engineering students?

Like our VT General Engineering Student Ambassadors [Facebook](#) page and follow the [Engineering Student Ambassadors](#) on [Twitter](#) - @VTGEAmbassadors

Are there any additional scholarships available for newly admitted General Engineering students in the College of Engineering?

All scholarships for new students have been awarded for the entering class of 2017, however the 18/19 scholarship application will open in spring 2018: <https://www.eng.vt.edu/undergraduate-academics/scholarship-current>

What type of academic and personal support is available for me?

We are committed to providing academic support, tutoring, counseling, personal support to you, a summary of resources can be located at: <http://enge.vt.edu/undergraduate/ugResources.html>

Can I be in the Honors College and in engineering?

Yes, the flexibility of the Honors curriculum makes honors an option for any field, including engineering. It is also important to note that some of the curriculum used for engineering can also count toward the honors college diploma.

Why should first-year engineering students participate in the Peer Mentoring Program?

Visit <https://www.eng.vt.edu/ceed/mentoring/participate> to learn more and register.

What is Hokie Camp?

At Hokie Camp, you can make meaningful connections and lasting friendships with other new Hokies. Led by current students, you'll engage in team building activities, learn all about Tech's traditions, complete a service project, and more! For more information, visit: http://nsp.vt.edu/hokie_camp.

I'm having issues with the spatial visualization assessment, who do I contact?

If you have technical difficulties with Canvas, please contact James Newcomer (jamesn@vt.edu) via your Virginia Tech email account and include your PID and Canvas Course Group Number.