

engineering student council

UNIVERSITY OF VIRGINIA

The [Engineering Student Council](#) (ESC) at the University of Virginia is one of the few schools in the nation to offer student-taught curriculum at an undergraduate institution. ESC's missions are to:

- Voice student concerns
- Engage faculty and administrators
- Provide input on school initiatives
- Conceive and execute events and programs
- Gain leadership and teamwork experience
- Collaborate with student organizations
- Make a lasting impact

The Student Taught Classes (STC) program was founded in the fall semester of 2013, and has become an extremely successful (and rather prestigious) aspect of the Engineering School. The Engineering Student Council at the University experimented with the program specifically tailored for engineering students with a mission to provide students the opportunity to learn skills not taught at UVa, but of which are useful for industry jobs, academic endeavors, or simply for personal enrichment in technical subjects. Past offerings have included "Introduction to Haskell," a class which taught students a programming language, "Auto Mechanics" which provided a great opportunity for hands on experience, and "Current Research in Regenerative Medicine," a course that delved into research methods for undergraduate students in the biomedical sciences.

Rules and Guidelines for ESC STC

- Only engineering students may apply
- Courses can be taught independently or in groups of two instructors
- Instructors must have experience in the field they are teaching on
- Faculty advisors must be in the engineering school, but do not necessarily need to be an expert in the field the course is being taught in (if your advisor is unclear, please contact us)
- Courses will be 1-credit pass/fail
- Courses should have relevance to an engineering field of study, but should not simply be a repetition of a current course at UVa
- After initial application submission, applicants will be invited to participate in a 10-15 minute trial lecture/interview
- Instructors will be asked to participate in a workshop at the beginning of the Spring Semester

Application Instructions

Please submit completed applications (next page) to **Thornton Hall A-122** in a printed copy stapled together by **Friday, November 11th at 12pm**. If requested, interviews will occur the following week. *Questions? Feel free to email Daniel Meador (dhm6uz@virginia.edu) or Scott Bergstresser (sab4tg@virginia.edu)*

ESC STC Spring 2017 Application

Application adapted from the UVa Student Council's CavEd Program (2012)

Part I: Student, Advisor, and Course Information

If there are multiple student initiators, please include one additional page (not a full application) that lists this information for each initiator.

A. Student Information

Name: _____ Year: _____

Major(s): _____

Phone Number: (____) ____ - _____ Email: _____ @virginia.edu

Proposed Course Information Course Title:

Preferred Day/Time: _____

Enrollment Cap: _____

Course Restrictions (if necessary): _____

To your knowledge, has this course, or a variety of it, been taught in the past? (Circle one) Yes / No

B. Supporting Faculty Information

Name: _____

Department: _____

Phone Number: (____) ____ - _____

Email Address: _____

I understand that by signing below, I am indicating my ability and willingness to assume responsibility for the quality and conduct of this course and to determine if a student passes the course, thus earning degree credit.

Faculty Member Signature: _____

Part II: Short Answer Questions

1. Student-teachers are expected to work closely with their Faculty Sponsors throughout the entire semester, not only in the planning and application process. Using specific details, indicate how you and your Sponsor plan to work together throughout the semester. (300 words or less)
2. Why do you want to teach a student-taught class? If there are multiple instructors, make sure each student completes this question. (300 words or less)

Part III: Syllabus

Draft a syllabus, including a course description, an explanation of the course requirements and expectations, and a list of readings and lecture and/or discussion topics for the entire semester.

Part IV: Additional Information

Please attach a copy of all student-initiators' resumes. If the course requires funds to be taught, please attach a clearly described budget for each item that may be necessary.