ESTC Minutes
Engineering Student Technology Committee
October 2, 2025
12-1pm Scott 203

Present:
ATS : Nick Mesa, Spencer Jones, ~~Prof. Maria Rugenstein~~
CEE : Alex Johnson, Prof. Ryan Smith
ECE : ~~Vosidjon Abduvahobov~~, Natalie Ingegneri, ~~Prof. Ali Pezeshki~~
ME : Tessa Bailey, Shane Sisler, Mayank Mate, Prof. Bonnie Roberts
SE : Tillie Pinkowitz, Felix Kuklinski, ~~Prof. Steve Conrad~~
SBCE : Soumik Ghosh, ~~Santiago Zimbron-Leon~~, Prof. David Wang
Ex-Officio : Kelley Branson (ETS), ~~Prof. Sam Bechara~~ (Assoc. Dean for Undergraduate Affairs)
Guests : Travis Rogers (ETS), Rachel Wittmeyer (ETS)

Old Business & Welcome

Welcome

Welcome everyone. A special congrats to Tillie Pinkowitz as our new Chair and Soumik Ghosh who will be the Vice-Chair. Kelley Branson is the mentor for the Committee as Director of Engineering Technology Services (ETS).

ESTC Introduction

Tillie led a get-to-know-you activity (name, department and year, favorite TV show). We then paired up to quickly think of the fastest way to move a watermelon across campus without breaking it.

Soumik took notes and explained that anyone can do this and that in the future we will ask for volunteers. Notes are then sent to Kelley who puts them into the format posted on our website after ESTC approval.

Soumik gave an overview of who makes up the ESTC. See presentation slides, attached. There are four positions unfilled:
1 ECE graduate   1 CEE undergrad
1 CEE graduate   1 SBCE undergrad

Soumik explained how meetings are run, loosely under Robert's Rules of Order. See attached slides for the details.

Presentation - the Work of the ESTC

Kelley explained where the money goes. Students pay $187.40 per semester. We

have two other revenue streams:
- extra print quota purchases (very small amount)
- used Labs equipment sales - last year this came to $12,620 but it has been over $40K in previous years due to differences in equipment replacement cycles.

Kelley noted the special activities that were funded last year:
- Drone Center Ram AeroLab (look for a tour this year!)
- Systems Engineering CyberX Challenge laptop upgrade (see photo!)
- Academic Village laptops (ETS ended up funding gently-used ones)
- Technology Assistance Program pilot (This was a program to provide laptops to students in need. It was found that this could jeopardize student's financial aid so was cancelled. May happen in the future.)
- Special I2P Lab funding for their move to the BC Infill for additional printers

Kelley explained that the ESTC Budget for a particular year is different than what happens to the actual account. Prices and technology change, ETS finds ways to do more for less, enrollment was unexpectedly higher last year (and this year so far) and we never know exactly how much will be brought in by used Labs computer sales. Last fiscal year we ended up with a surplus. Tillie explained more about this later. Kelley, with Travis, has to produce a Charge For Technology (CFT) report for each year. It is due in March of the current year. This is awkward because there is still three months of spending left in the fiscal year. Kelley and Travis do their best to show funds expected to carry over to the next budget year. This year we carried over about $200K more than expected.

• Current and past year budgets, proposals and other files are found here:
T:\Committees\ESTC
• ESTC website: https://www.engr.colostate.edu/operations/estc/

Approval of Minutes
The minutes from the April 28, 2025 meeting were unanimously approved. This will be posted to the ESTC website by Kelley. These and other ETSC documents are available to ESTC members at the following:
T:\Committees\ESTC
If you are unable to get into this drive space, let Kelley know.

New Business

College of Engineering Technology Committee (CETC)

Kelley explained what CETC is and does (see slides). A call for an ESTC grad student and undergrad was made. We had one volunteer from each and both were confirmed by the Chair, Tillie. Congrats to Soumik (graduate) and Tessa (undergrad). Kelley will email both and add them to the CETC mailing list.

Fall Initiatives

Tillie explained our unexpected and very large carry-over of funds from last fiscal year. If we carry too much, we can be audited by the State. These came about because of things Kelley mentioned, above. Kelley also noted that she just put the Fall student census enrollment numbers into our FY27 budget and we already have a surplus expected in that budget.

Tillie has produced a poster (see attached) with a QR code for submitting proposals. Any Engineering student, faculty or staff may submit for projects that meet the CFT requirements (see CFT Manual). The goal is that projects will fund as many Engineering students as possible. Dr. Ryan Smith suggested some wording on the Google Form that suggests monetary amounts available. Other suggestions for the poster were made and implemented.

The proposals will be due October 28. First week of November this Committee (or a subset) will meet to vet the proposals.

Soumik motioned that the entire ESTC vote on the initial proposals. This was not passed. A subcommittee that consists of as many departments as we can get will be put together to do this. Proposals that do not meet the CFT requirements will be dismissed and the ones that have merit will be brought to the whole ESTC at our November 6 meeting.

Please get the word out for this initiative. Print posters and pass along to student groups and departments. Kelley noted that she will send to ETS and the department Lab Managers.

Future Meetings
November 6, noon-1pm, TBD
November 13, noon-1pm, Scott 203
(lunch will be available for both)

Meeting was adjourned at 1pm.
Respectfully submitted by Soumik Ghosh with updates from Kelley Branson

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From Prof. Jeremy Daily - Systems Engineering
"All,
Thank you again for the support for computing assets used for the Cyber Challenges.
I've attached a photo of the CSU team attending the CyberTruck Challenge this summer.

Names and CSU programs from left to right in the photo are as follows:
Jake Jepson, MS in SYSE (graduated 2024)
Brandon O'Briant, Ph.D. in SYSE
Sean Bumgarner, MS in SYSE
Spencer Beer, MS in SYSE
Carson Green, MS in SYSE
Bill Howard, BS in ECE
Jose "Daniel" Ortiz-Valencia, BS in ECE
Soundarya Sivakumar, MS in ECE
Adedapo Adeboyejo, MS in SYSE
Jeremy Daily, Associate Professor of Systems Engineering
Dev Sanghani, PhD in SYSE

With much appreciation,
Jeremy"