

ESTC Minutes

Engineering Student Technology Committee

March 26, 2024

4-5pm Scott 203

Present:

ATS : Nick Falk, Eric Goldenstern, Prof. Steve Miller

CBE : Prof. Chris Snow

CEE : Julie Robinson, Jiate Li

ECE :

ME : Miguel Valles Castro (Chair)

SE :

SBME : Dmitri Svetiov

Ex-Officio : Kelley Branson (ETS), Prof. Becki Atadero

Guests : Travis Rogers (ETS), Nick Stratton (ETS)

Absent:

CBE : Caroline Loewecke, Ben Sosa

CEE : Prof. Jordan Jarrett, Branch DeMersseman

ECE : Amin Mahdian, Prof. Mahdi Nikdast, Luke Shuttleworth, Aaron Davis

ME : Prof. Kirk McGilvray, Michael Brown, Brandyn Garcia

SE : Fletcher Ouren

Old Business & Welcome

Welcome and Minutes

- Miguel welcomed everyone. Julie offered to take notes. Open ESTC positions were announced - if anyone knows of potentially interested candidates, please forward information to Kelley and/or Miguel (CBE grad, SE grad).

- The minutes from the February 27, 2024 meeting were unanimously approved. These 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

WSCOE Innovation Team

Nick introduced a new team spearheaded by ETS to organize and promote innovation in the College. Nick is leading the team and has ETS' Brett Tews and Jeff Penn to help. They will meet with and bring together individuals from the different departments and

will be attending an AI workshop later this week put on by the Division of IT. Interested parties should suggest ideas they can invest themselves in. Kelley noted that Dean Robinson is looking at new faculty lines working in the field of AI and has proposed a new AI high performance computer for use by these faculty.

FY25 Budget Work

- Software updates dropped us to \$ 2,708 in the red, network equipment replacement can be pulled from to cover the deficit if needed.
- Only one department has spent all their allotment, no need to bump department allocations up now if they are not being spent.
- Recommend to next year's committee to have a subcommittee investigate how dual majors are categorized (ex. Biomed and Mech)
- Vote to approve department allocations line (Approved)
- Vote to approve software line (Approved)
- General discussion on last three line items as to where to pull money from to get us out of the red.
- Furniture = least painful option, flexible lifespans. If a network switch goes down and there is no money to replace it there's more trouble. Network has other funding options, furniture not so much.
- Try to bring in I2P representatives next year to explain budget usage (Steve Johnson and Ellen Plese).
- Strong suggestion for next year to not cut furniture funding/add funding to make up for previous cuts.
- Suggested re-use of furniture in retired labs? ex. Anderson. Things like this are always in Nick's purview.
- Next year's CFT increase is already in the budget and hopeful enrollment increase could cover future furniture costs.
- Approve last ticket items and the budget
- Computer Lab (Approved)
- Network Equipment (Approved)
- I2P (Approved)

Discussion of Overleaf Software Subscription

Dmitri asked about the funding of an Overleaf software subscription. He and Brian Munsky have already discussed this possibility in an ETS ticket. While there is no funding available in the general ESTC account nor budget, this could be considered in subsequent budgets. Kelley noted that she is on a Software Administration Project which is creating a process by which the Division of IT and RamTech vet CSU site-wide softwares for licensing and that Overleaf is probably worthy of being proposed once this process is in place -- hopefully summer 2024.

Next Meetings & Data Center Tour

The April 2, 9 and 16 meetings will all be cancelled.

Our final meeting will be April 23 to include:

4pm - Data Center Tour

4:30pm - pizza and final account update

Meeting was adjourned at 4:55pm.

Respectfully submitted by Julie Robinson with modifications and additions from Kelley