ESTC Minutes
Engineering Student Technology Committee
February 27, 2024
4-5pm Scott 203

Present:
ATS : Nick Falk, Eric Goldenstern
CBE : Prof. Chris Snow
CEE : Prof. Jordan Jarrett, Jiate Li, Branch DeMersseman
ECE : Amin Mahdian, Prof. Mahdi Nikdast
ME : Miguel Valles Castro (Chair), Brandyn Garcia
SE :
SBME : Dmitri Svetiov
Ex-Officio : Kelley Branson (ETS)
Guests : Travis Rogers (ETS), Nick Stratton (ETS), Shaila Parashar (ETS)

Absent:
ATS : Prof Steve Miller
CEE : Julie Robinson

Old Business & Welcome

Welcome and Minutes

• Miguel welcomed everyone. Branch 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+faculty).

• The minutes from the February 6, 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.

• Travis gave a presentation on the current state of overall department funds in the CFT
account including small overspending by some departments and some underspending
by other departments. Kelley and Travis requested that departments who have not
spent their allocated funds do so or prepare a detailed list of planned expenses.

New Business

FY25 Budget Work
Kelley shared that overall enrollment for the college continues to fall influenced by the
pandemic still and has effected the previously discussed budget. We expect a total

charge of $165 per student based on historical trends.

The Colorado January minimum wage increases were factored into the budget.

Budgeting for student System Administrators and Web Programmers were removed since we do not foresee having any in the near future.

• Motion to approve Lab equipment replacement budget proposed by Dr. Jarrett and passed.

• Motion to Approve Lab maintenance budget was proposed and passed.

• We discussed cutting the Lab Furniture replacement budget as a method to balance the budget. Motion passed to return to this item at a later time.

• Committee discussed what expenses look like for servers and HPC, and how those services are used on campus. Kelley explained that ETS has detailed data showing usage of all CFT-supported systems and that they are well used. ETS has even bolstered some resources like the Windows Compute Pool outside of the budget due to demand to serve the students. Many compute and storage servers are a split with College funding. She also explained that the Division of IT (central IT) managed systems like RStor and the Alpine HPC cluster were spearheaded and heavily used by colleges who do not have the large needs and computing infrastructure we do so while they are available to all, Engineering does not manage them and we have fully-utilized systems that are for our College only. RStor is heavily subsidized which is why it is attractive. Division of IT cannot sustain this subsidy and they will begin charging roughly what we do for additional storage.

• Dr. Jarrett motioned to approve budget for server maintenance and support and motion was passed.

• Motion to approve budget for Loaner pool was passed.

• Motion to approve wages budget line items were passed.

Next Meeting
Meeting was adjourned at 5pm.
Upcoming meetings at 4pm in Scott 203
- • March 26
- • April 2
- • April 9 (if needed)
- • April 16 (if needed)

Possible Data Center tour for one of the latter dates.

Respectfully submitted by Branch DeMersseman with modifications and additions from Kelley