# ESTC Minutes
## *Engineering Student Technology Committee*
February 21, 2022
3-4pm
Microsoft Teams Meeting

**Present:**
ATS : Prof. Elizabeth Barnes, Lee Brent, Kevin Yang
CBE : Prof. Jean Peccoud, Parsa Ghadermazi
CEE :
ECE : Peter Walsh (Chair), Yifan Yang
ME : Olivia Brown, Miguel Valles Castro, Prof. Kirk McGilvray
SE : Prof. Daniel Herber
SBME : Jaiden Oropallo
Ex-Officio : Kelley Branson (ETS)
Guests : Nick Stratton (ETS)
**Absent:**
ATS :
CBE : Mason Vess, Lauren Robertson
CEE : Claire Paschke, Lily Drum-Parce, Danny White, Prof. Aditi Bhaskar
ECE : Prof. Mahdi Nikdas
ME : Ross Leopold
SE : Hamza Ahmed
SBME :

## Old Business & Welcome

### Welcome and Minutes

• Welcome to new member Prof. Kirk McGilvray and welcome back to all other members.
• The minutes from the October 25, 2021 meeting were approved and 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
### Unfilled Positions
Some positions are still unfilled
       ECE has an undergrad and faculty position missing
       Systems Engineering has a grad missing
       Both Intradepartmental seats are missing

**CETC Student Selection**
Thank you to the following students who have volunteered and are on the College of Engineering Technology Committee for this academic year.
    Undergrad - Olivia Brown
    Graduate - Miguel Valles Castro

**UTFAB GPU Presentation**
• Last year we proposed and awarded funding for 50% of a new Linux GPU for the student Linux Compute Server farm and two Windows GPU towers.
• Kelley presented a proposal this morning for an additional two Linux MIG GPUs which can be partitioned for classes, senior design projects, labs, etc and feels fairly confident UTFAB will fund this at 50% (~$26,000). The rest will come from the current CFT account Systems category.

**FY23 Budget**
- Budget is accessible via the T: drive (Budget being developed is the FY23 budget)
    ◦ DON'T view the actual document, please make a copy and download it!
    ◦ This is to help prevent accidental editing
- Explanation of the various columns in the budget:
    ◦ See video recording for detailed description of exactly how to interpret budget document
    ◦ Anticipated enrollment calculated considering previous Fall and previous Spring
    ◦ Charge for Technology is not always the full $170 because of students fluctuating between full time/part time students or students exiting the College
        ▪ Instead, anticipated revenue is calculated with anticipated $148 per student or a number that we determine is close to reality
    ◦ Selling old CFT-funded "Used Labs" equipment provides additional revenue, but is not included in the budget because it varies from year to year and also provides a useful "emergency fund" just in case
    ◦ Student wages allocation was extremely low in FY22 ($156,900), as actual wages paid in FY21 was $219,036.47 so this line will be very important to revisit.
    ◦ The budget has a $126,463 'hole', meaning that much money must be cut from the budget in order to balance the budget.
    ◦ Senior Design Space money remains allocated, but Kelley recommends we take that money back from that allocation to help with the current year's account (not the budget we will be working on)
        ▪ Question from Daniel Herber: Does the ESTC have input on what a new Glover building might look like/how labs might be designed. In particular, a redesign of the Anderson Lab. The Anderson Lab may become no longer exclusive to the WSCOE, which could result in

funding being provided from several different colleges and thus a much fancier lab. This is being "reenvisioned" and brainstormed by Kelley, Nick Stratton and Divion of IT's Jason Huitt. Kelley noted the ESTC and other groups will be brought into the discussion but probably not until Fall Semester 2022.

- There are many different spreadsheets that provide a wide variety of information. Please take a look on your own to familiarize yourself with exactly how the money we are responsible for managing is being spent!
    - In the Servers tab, there are some things which the ESTC splits the cost with the college. This is for when resources are used by professors for research as well as by students for educational purposes. Since the CFT is meant to be used towards educational technology expenses, the costs of these servers are shared between the ESTC and the College.
    - Also in the Servers tab, in the Yearly Maintenance Costs table, the things which are highlighted green are costs that are known for that fiscal year and are somewhat 'in stone'.
    - (Student) Wages tab not yet completely updated, but provides some information about what the wages currently are.
    - Students tab is not really helpful -- for enrollment figures, take a look at the Enrollment tab
    - Members of the ESTC can 'play' with the spreadsheets to see the impact on the overall budget (<u>PLEASE COPY THEM FIRST TO NOT IMPACT MAIN COPY</u>).

## Old Business
### Current (FY22) CFT Account
The current account from last year's ESTC budget work is in good shape. We are negative in the software category but overall in the black with five months to go. Please consider if there are things you'd like more information about in the budget and discuss with your department peers. All of you represent your departments.

## Next Meeting
Next ESTC meeting is Tuesday March 8 at 1pm via Teams. Please join if you do not have a class or meetings.

Meeting was adjourned at 4pm.

*Respectfully submitted by Peter Walsh with additions from Kelley Branson*