# ESTC Minutes
## *Engineering Student Technology Committee*
February 23, 2021
4-5pm
Microsoft Teams Meeting

**Present:**
ATS : Kevin Yang, Prof. Michael Bell
CBE : Mason Vess, Lauren Robertson, Prof. Jean Peccoud
CEE : Claire Paschke, Lily Drum-Parce, Danny White
ECE : Drew Rackow (Chair), Peter Walsh, Prof. Ryan Kim
ME : Michael Sartini, Prof. Haile Endeshaw, Sydney McDonald
SE : Jayesh Narsinghani, Hamza Ahmed
Intra-departmental :
SBME : Will Raymond
Ex-Officio : Kelley Branson (ETS)
Guest : Laura Marker (ETS), Nick Stratton (ETS)
**Absent:**
ATS : Lee Brent
CBE : Yan Wang
CEE : Prof. Ryan Morrison
ECE : Yifan Yang
SE : Prof. Jim Cale
Ex-Officio: Dr. Anthony Marchese

## Old Business & Welcome

### Welcome and Minutes

• Welcome everyone!
• The minutes from the November 5, 2020 meeting was unanimously 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.

### Old Business

• Lily Drum-Parce and Jayesh Narsinghani are the ESTC student representatives on the College of Engineering Technology Committee (CETC) which provides oversight for all technology in the college, including research.

• The UTFAB (University Technology Fee Advisory Board) GPU proposal was accepted

as noted at the Nov 5 meeting.  The large GPU was purchased and is installed in the Linux Compute Pool.  The two mid-scale GPUs are still unavailable and ETS instead purchased an upgrade GPU set which should arrive late March.  At that time, these two systems will be built and placed in the Windows Compute Pool.  The Linux Compute Pool GPUs are currently heavily used.  These are managed in a free-for-all style (no reservations). Engineering used to lag Computer Science in GPU availability and now we are at or exceeding what they have available so better for all students.
• Nick announced that with the Magellan workstation replacement plan, more robust GPUs will be placed in the new orders so that ETS can create a "GPU VCL" to provide new ability for users who need this for machine learning, precise simulation style uses. Looking at the RTX 3070s.

• Three ESTC positions are still unfilled:  ME undergrad, both intradepartmental reps. This is the best representation in many years.

## New Business
### Powerhouse Computer Lab
The Powerhouse Energy Campus has asked us to remove the computer lab there which consists of 24 total computers and thin clients plus two printers.  A motion was made and seconded to accept this change in the budget and the line will be removed.

### Budget Work Upcoming
Over the next few meetings, we will go over the line items and check the boxes next to each budget item on the first budget sheet for FY22.  Kelley showed the budget which is available to all on this committee (see how to map at top of these notes).  Laura reminded everyone that $10K per year for Scott Lab nitrogen will be removed since they have a different method for supply this now.

### Current CFT Account
Laura presented the status of the current year's account.  There is money to be spent in many of the categories yet.  The original budget was a low-ball based on enrollment projections and the pandemic.  Our actual revenue has been quite a bit more which is good news.  A good guess at this point without spring enrollment numbers in is $903K. Laura described her account spreadsheet column-by-column.  The members of this committee should look at their departmental numbers and those with substantial funds remaining should get with their department's Chair or technology committee to discuss how to spend.  Now is a good time to start the conversation.  Laura noted that if you are saving for large purchases, to let us know so these may be "pre-encumbered" and we can put this in the CFT report due end of March.

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|---|---|
| ATS | $2,619.68 (with $15,400 encumbered but none of that spent yet) |
| CBE | $1,983.29 |
| CEE | $19,374.73 |
| ECE | $10,813.23 |
| ME | $1.39 |
| SBME | $2,497.65 |

SE          $3,600

**Assistive Technolgy**
Laura noted that all colleges pay into a central ADA-type account where funds would be available to set up disability friendly computer labs, etc.  Last year it was changed from a cost to a reduction against revenue (no longer comes out after budget but rather, before the budget number is even "published").  Therefore, no longer shown in the expenses area of the budget.

## Next Meeting
Next ESTC meeting will be Friday, March 5 at 1pm.  A Teams invite was sent already -- ping Kelley if you did not receive this.

Meeting was adjourned at 4:35pm.

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