

**ESTC Minutes**  
*Engineering Student Technology Committee*  
February 25, 2019  
4-5pm  
Scott Bio 203

**Present:**

ATS : Sean Freeman, Prof. Michael Bell  
CBE : Taylor Baker  
CEE : Thomas Mayer, Hannah Gridley, Neelufar Aghazamani, Prof. Joe Scalia  
ECE : Prof. Mahdi Nikdast  
ME : Sarah Martinez  
Intra-departmental : Michael Townsend  
SBME :  
Ex-Officio : Kelley Branson (ENS)  
Guests : Sgt. Chris Robertson

**Absent:**

ATS : Jhordanne Jones  
CBE : Zeus Alcon, Prof. Chris Snow  
CEE :  
ECE : Al Alothman, Shane Beuning, Carsten Dietvorst  
ME : Caitlin Robinson, Bryan Burk, Prof. Ketul Popat  
Intra-departmental : Maryam Tidjan  
Ex-Officio : Anthony Marchese (Assoc Dean AA)

**Presentation**

The ESTC welcomed Sgt. Chris Robertson who is Director of the CSU Drone Center. Chris had a presentation on the center and a detailed list of what has been purchased with Engineering CFT funds. Last year the Drone Center was approved \$10K by the ESTC. One of the drones purchased was passed around to members. The Center has some money left and is waiting on purchasing the rest of it's wish-list to see if alternate needs arise. Purchases will be made before the end of the current fiscal year. The Center has been very active in it's short life and has enjoyed a lot of interest. Engineering is the largest user of the drones and the center and in particular, senior design projects. They hope to expand in the coming years even in light of limited funding so far.

**Old Business & Welcome**

**Welcome and Minutes**

- Sean Freeman ran the meeting for Al Alothman.
- The sign-in sheet was passed. The minutes from the February 11 meeting were unanimously approved and posted to the ESTC website. New members were recognized and welcomed.

**ESTC Unfilled Positions**

1 SBME graduate

**Scott Data Center Expansion Update**

The HVAC duct work began today for the Phase 1 buildout.

**ESTC FY20 Budget Work**

We went over the Salaries and Wages areas in the budget and these were unanimously approved. Kelley explained that minimum wage base has gone up yearly according to a federal mandate over the last two years. The final bump will be January of 2020. ENS/ETS is already ahead of these salaries and has some slush that will roll over to cover increases up from the minimum. She, Nick Stratton (Labs) and Lisa Metz (Client Services) will get together in January 2020 to look at where we are in the FY20 account and ask for adjustments if needed.

We visited the Labs tab in the budget. The two changed areas are the ECE labs and the extra equipment in them which the ESTC approved last fall and the cost updates made to computers and printers lower in the document. There was some questioning of the workstation cost and the fact that these numbers were put together when the tariffs were high at the beginning of the year. Kelley will get with Nick and get a final update on these numbers for next time.

### **Department Allotment Spending**

Kelley gave kudos to CBE and ECE for spending down their department allocations. Joe Scalia reported that CEE identified purchases and will be bringing their account to zero. SBME has spent all of theirs. The remaining two are ATS (\$15K) and ME (\$59K). Sarah Martinez (ME) and Sean Freeman (ATS) will bring this to the attention of their departments.

### **New Business**

#### **Windows Compute Server Policy Request**

Ryan Medhurst, a Systems Group member of Engineering Network Services (ENS/ETS), explained that even though the ESTC funds only 12 servers, he has repurposed old VCL machines to accommodate the needs of students and currently has 27 servers of varying clock speeds, RAM and storage. He has seen a higher demand for longer reservations. Currently students may reserve a Windows Compute Server for three months in any given calendar year. Due to the demand, he is asking for a policy change and tier machines and time based on computer power:

- High-powered computers: 1 month
- Medium-powered computers: 3 months
- Low-powered computers: 6 months

This was unanimously approved.

#### **March 4 Meeting Cancelled**

Due to many members not being able to attend.

#### **Scott Bio Data Center Tour**

For those interested, Kelley will give a tour of the Scott Data Center after the meeting on March 12.

#### **Next Meeting**

Remaining spring meetings, all in Scott 203, are:

Tuesday March 12, 4pm

Tuesday April 2, 4pm

*Respectfully submitted by Kelley Branson*