

ESTC Minutes

Engineering Student Technology Committee

April 17, 2018

4-5pm

Scott Bio 203

Present:

Sean Freeman (ATS), Erik Nielsen (ATS)
Kristen Jackson (SBME)
Mohammad Tanhaemami (CBE), Prof. Chris Snow (CBE)
Prof. Joe Scalia (CEE), Ian Stockdill (CEE), Megan Scott (CEE)
Prof. Mahdi Nikdast (ECE), Dylan Machovec (ECE)
Andrew Jones (Chair, ME), Sarah Martinez (ME), Bryan Burk (ME)
Kelley Branson (ENS)
Nick Stratton (ENS ITCLM)

Absent:

Prof. Michael Bell (ATS)
Noah Beck (CBE)
Luke Flores (CEE)
Al Alothman (ECE), Cameron Key (ECE)
Prof. Tammy Donahue (ME)
Maryam Tidjani (intra-departmental), Zachary Gebhardt (intra-departmental)
Anthony Marchese (Assoc Dean AA)

Old Business & Welcome

Welcome and Minutes

The sign-in sheet was passed around with nametags. The minutes from the April 3 meeting were unanimously approved. (See ESTC website, <https://www.engr.colostate.edu/students/current-students/estc/>).

Poster Cutter Update

Reviewed the poster cutter purchase and deployment.

New Business

2018 Special Initiatives

- **Dr. Mahdi Nikdast Silicon Photonics**
 - Question: Does it require maintenance?
 - Yes, but he will pay for those costs
 - Q: How big will the class be?
 - Approximately 20 students for now

- **Dr. Marchese Conference room AV**
 - Q: Who paid for it initially?
 - Building
 - Q: Will the maintenance be CFT?
 - No
 - Q: Can students schedule it?
 - Yes, We believe they can (Anthony not present)

- **Dr. Kreidenweis Drones UAS Center (Sean Freeman)**
 - Q: What exactly is this for?
 - Idea is to allow students to train on small, cheaper drone(s) before they get into the larger ones

- Q: Can anyone use them or just students of the class
 - - Not sure.
 - Q: How about maintenance?
 - - Hiring a maint. tech. That money coming from VP(?) - Yes.
- **Liquid Nitrogen**
 - Q: Will this be a line item or on-going
 - It will be a line item with on-going funding (idea would be to add it as a one-time fund and then revisit it next year for ongoing funding. Would “encourage” next committee to approve)
 - Q: How many students might use it?
 - As many as 220 per year (140 1st years and 80 4th years)

Andrew motioned to approve all proposals, unanimously approved.

ESTC Chair, Returning Members

Kelley asked who will be returning noting that individuals serve a two-year term. Bryan Burk and Mohammad Tanhaemami will not be returning for their second terms. Kelley will contact the department heads to note who needs to be replaced for next year.

Andrew asked who wants to become ESTC Chair. Nobody wants to. Sean Freeman said he would "in a pinch". Al Alothman and Maryam Tidjani are the only other returning student members who were not in attendance to say yes or no. Andrew will contact them to see if either of them would like to become chair. If not, Sean will do it.

Next Meeting

Fall 2018

Respectfully submitted by Nick Stratton, ENS ITCLM