

ESTC Minutes
Engineering Student Technology Committee
October 24, 2017
5-6pm
Lory Student Center, Room 322

Present:

Sean Freeman (ATS), Erik Nielsen (ATS), Prof. Michael Bell (ATS)
Andrew Jones (Chair, ME), Sarah Martinez (ME), Prof. Tammy Donahue (ME)
Ian Stockdill (CEE), Megan Scott (CEE), Prof. Joe Scalia (CEE)
Dylan Machovec (ECE)
Kristen Jackson (SBME)
Kelley Branson (ENS), Nick Stratton (ENS)
Daniel Dauwe (guest-ECE), Prof. David Prawel (I2P Lab), Charlotte Mitchell (SBME)

Absent:

Noah Beck (CBE), Mohammad Tanhaemami (CBE), Prof. Chris Snow (CBE)
Luke Flores (CEE)
Al Alothman (ECE), Cameron Key (ECE)
Bryan Burk (ME)
Zachary Gebhardt (intra-departmental), Maryam Tidjani (intra-departmental)
Anthony Marchese (Assoc Dean AA)

Old Business & Welcome

Welcome and Introduction of Members

The sign-in sheet was passed around and the Membership Checklist was distributed to new members. Andrew asked for someone to take minutes but as there were no volunteers he took them.

Approval of September 12 Minutes

The minutes from the September 12 meeting were unanimously approved. (See ESTC website, <https://www.engr.colostate.edu/students/current-students/estc/>)

Data Center Emergency Exhaust Fan Wall Completion

Kelley reported that the upper data center wall was completed to the ceiling deck which essentially finishes the emergency exhaust fan project. Facilities did an excellent job and no dust or dirt was evident in the data center.

Matlab Update

Nick updated the committee on getting Matlab licensed at the university level. We are still waiting on the College of Natural Sciences (CNS), the second heaviest user next to Engineering, to make a decision on if they will go in. Matlab has offered to discount the first two years to current pricing. It is believed that CNS will participate and we will know by the end of October.

ENS Budget

Kelley briefly showed the FY18 CFT budget and noted some items that have been updated on it that were purchased with approved funding from last year's committee. All members should be able to see the budgets for all years by going to

T:\Committees\estc\

If you are unable to get here, please contact Kelley at kelley@atmos.colostate.edu.

ESTC Positions Unfilled

ECE is missing a faculty representative.

CBE is missing an undergrad representative.

Kelley and Dr. Tammy Donahue are still working on filling these.

Next Year's Budget Changes

ENS worked through many replacements in the Labs and at the systems infrastructure over the summer and updates were made to next year's budget worksheet to reflect this. The committee will be presented with this at a later meeting.

New Business

O365 vs Gmail for Undergrads

As part of IT consolidation efforts on campus, a committee was asked to investigate consolidating email and calendaring early this year. The committee recommended to the Provost that undergraduates be asked to vote on making O365 their official mail program. Currently, undergraduates have Gmail and faculty, staff and graduate students are all provisioned an O365 account. Under the O365 portal, users are able to forward this to the mail venue of their choice (ie- a personal Gmail account or other service provider). Current students will not be asked to migrate — they may keep their Gmail account (.rams account). However, all new students will be provisioned an O365 account going forward. Google Apps for Education (the G-Suite) will remain in place. Reasons include a common calendaring solution for all of campus and the ability of instructors to be able to use O365 apps for classes with undergrads.

After discussion, the committee voted unanimously for moving undergrads to O365 as long as the G-Suite does remain in place.

Scott Poster Cutter Presentation

Charlotte Mitchell from SBME gave a presentation of reasons to purchase one or more poster cutters for the College. Currently, the only known place to cut posters is the Library (with the possibility of the lower level of the bookstore) and weather can ruin a poster carrying it from Scott to the Library. Four cutters were highlighted. Three sit on a table and one attaches to the side of a table. They cut from 51" to 60". The recommendation was made to put together a subcommittee of Andrew and Sean to see where these might go in the different buildings including Scott, Magellan and Atmos Sci.

I2P Lab Presentation

Dr. David Prawel gave an overview and usage presentation of the I2P (Idea 2 Product) 3D printing lab which is in the first floor of the Engineering building. Most users of the lab are Engineering (71%). 193 students have been trained in 3D printer usage resulting in 8474 printing hours. Many Engineering jobs require knowledge of 3D printing these days. The UTFAB CSU committee has given the lab many thousands of dollars of equipment over the years so David would like to continue to see it open to the whole university. The lab is designed for low-risk/low skill usage. There were 1860 projects completed last semester alone. The lab is run on a cost-recovery model. A tour was given of the lab by Dr. Prawel after the meeting was adjourned.

Next Meeting

The next meeting was not discussed.

Respectfully submitted by Andrew Jones