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ESTC Minutes
Engineering Student Technology Committee
Monday, March. 27, 2017, 12:00-1:00pm
Scott Bioengineering Room 203

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Present: Sean Freeman (ATS), Peter Marinescu (ATS), Kristen Jackson (SBME), Dylan Machovec (ECE), Zachary Gebhardt (Intra-Dep), Kelley Branson (ENS), Nick Stratton (ENS), Mark Ritschard (Asst. Dean for Operations), Daniel Dauwe (n/a), Tammy Donahue (ME), Peter Nelson (CEE), Cam Key (ECE), Noah Beck (CBE), Dylan Ryden (ECE)

Absent: Zachary Bodmer (CBE), Sandra Biedron (ECE), Emily Fischer (ATS), Trevor Aguirre (ME), Brian Munsky (CBE), Megan Scott (CEE), Ryan Austin (CEE), Luke Flores (CEE), Anthony Marchese (Associate Dean for Student Affairs), Andrew Jones (ME)

Old Business & Welcome

We approved the minutes from the February 27, 2017 meeting.

New Business

1. Lab Overuse Policy

A subcommittee of ESTC members (Noah Beck, Zach Gebhardt, Tammy Donahue) developed a policy that provides rules on the usage of laboratories in the College of Engineering. This policy provides limits on the amount of time a room can be reserved for and gives priority for different needs/groups. It was decided that this policy should only be in place during the fall and spring semesters (not over the summer), and overrides are acceptable through the ENS ITCLM (Lab Manager). There is no straightforward way to enforce this but the policy will be stated on the Labs website and can be used as a tool to discourage improper behavior. The policy passed an ESTC vote unanimously and it will be presented to CETC next week. Thanks to this subcommittee for their work in putting this together.

2. Special Proposals (below)
Major concerns/questions were discussed about the three proposals ESTC has received this semester (see below) and a poll will go out for all members to vote on (yes/no/maybe with a space for notes) as was done in the previous year. The outcome of this vote will be discussed at the next meeting.

2A. Internet Cafe
Questions/Concerns/Updates
- We have heard from Facilities that UFFAB is trending on funding their portion of this.
- On the proposal, furniture supporting the computers exceeds the 25% allowable by the CFT Manual. However, the UFFAB portion on the Facilities Budget Opinion included some

computing items (network, jack boxes) and ENS is dedicated to using the ESTC-funded portion per the CFT policy, so there will be some give and take between what is funded. For example, the network and network boxes were included on the Facilities Budget Opinion and were not taken out as a line item, and can be funded by the ESTC funds.

2B. Data Center Exhaust Fan Completion
Questions/Concerns/Updates
- The back-up exhaust fan provides time for ENS to properly shut down the servers and/or time for the power to come back on again. However, there was discussion on whether we can install programs that will detect outages and automatically save states and shut the servers down? This would negate the need to complete the exhaust fan. Kelley will talk to the ENS Systems Group Manager to see if this is possible and will send an email to the ESTC with the information gained. There was a lot of discussion on this point and if this would be better option than completing the exhaust fan as stated in the proposal.
- A point was made that other departments on campus rent space in the Scott Data Center for a fee, and therefore, it is important to keep the proper cooling system in place.

2C. Senior Design Space in B/C Infill
Questions/Concerns/Updates
- What will the chilled water system be used for? Kelley will email Dr. Marchese for additional details.
- A space is really needed, as we are seeing design space decrease while the College is growing.
- If the ESTC votes to fund this, the majority of the members present thought it would be important to have conditions built into the funding that there will be ESTC input on the setup and functionality of the space.
- Having the ESTC vote yes on this will show student interest on this and may help the proposal through other funding sources.

3. Committee Chair
Please think about being the ESTC Committee Chair for next year! This needs to be figured out by May.