

Meeting minutes of the Engineering Student Technology Committee (ESTC)

Meeting: March 24, 2015
6:00 p.m. in Scott Bioengineering 203 (Board Room)

In attendance: Sean Brustuen (CE), Briana Chamberlain (CBE), Daniel Dauwe (ECE), Kristine Fischenich (SBME), Dan Herrick (ENS, ex officio), Adam Kattnig (ECE), Landan MacDonald (ATS), Aaron Piña (ATS), Professor Sourajeet Roy (ECE), Aaron Smull (ECE)

Not in attendance: Professor Rebecca Atadero (CEE), Abdullah BaGais (CBE), Professor Patrick Fitzhorn (ME), Arunachalam Lakshminarayanan (ME), Mark Lunt (CBE), Professor Chris O'Dell (ATS), Alex Mitchell (ME), Dalton Noren (Intra-departmental), Brad Reichel (CE), James Ruppert (ATS), Professor Tom Siller (ADAA, ex officio), Professor Christopher Snow (CBE)

Guests: Angie Branson (ENS), CJ Keist (ENS)

Approval of meeting minutes (3/10/15)

Minutes from 3/10/15 were approved.

Announcements / Follow-up

- **Internet Cafe redesign** - Chamberlain has agreed to approach the CBE department on behalf of the committee. Fischenich will set up a meeting with all of the volunteers from each department to review the redesign prior to approaching the departments seeking approval and funding.
- **ENS Review Committee** - The survey has closed, but the results have not been compiled yet.
- **Instructional Technologies Coordinator funding request** - Fischenich will send a memo on behalf of the ESTC to the Assistant Dean for Operations, Mark Ritschard.
- **3D printing lab proposal** - Answers to the committee's questions from the last meeting are located on the T: drive. Professor David Prawel will also be attending the next meeting to talk to the committee and respond to questions.
- **Proposal deadline** – The committee decided to set an internal deadline to accept and review proposals for April 21st.

Proposals

- **Robotic Platforms** – The proposal would assist with existing robotics courses, a new undergraduate robotics course, and K-12 outreach. The proposal was for \$4,000 from the ESTC with some matching funds from the ECE department. This will provide a much needed hands-on application of theory learned in the classroom. ECE students and faculty in attendance gave their support of the proposal and provided additional detail about the proposal. A motion was made to fund the proposal and then the motion was seconded and passed.
- **PCB Prototyping and 3D printing** – A request to fund equipment for PCB Prototyping and 3D printing was reviewed and discussed. The amount being requested for this equipment was \$6,830. There are currently no facilities at CSU for PCB prototyping/etching. A concern was raised regarding the 3D printing being a duplication of the 3D printing lab and it was explained that this would be unique/different from the 3D printing lab. The equipment will reside in C11 which is open 24/7 to senior design students (ECE and ME teams working on Electrical senior projects). The life expectancy of the equipment is 6 to 7 years. A motion was made to fund the proposal and then the motion was seconded and passed.

Budget Review

- **Network and Server Budget** - CJ Keist, the ENS Systems Group Manager, reviewed the Network Replacement, Server Replacement, and Server Maintenance and Repair sections of the ESTC budget. ENS is currently working on replacing Atmospheric Science, SimLab, and ABL network switches. The AV first floor network switches are due for replacement, but CJ has been in discussion with Housing and Dining to hand over the existing network, which would allow this line item to be removed from the ESTC budget. Kiest went over how the student share of the cost is calculated for each service and what each server's purpose is.
- **Labs Budget Review** - Herrick went back to the labs budget to discuss eliminating Smart Boards. Current boards in service are about 6 years old. If the committee decides to continue funding smart boards, new ones with the newer short projection will be purchased this summer. The committee members suggested replacing those in the classrooms and keeping the existing smart boards in Magellan. There was a survey question about smart boards, so the committee deferred making a decision until seeing the results from that question.
- **Loaner Items** - Herrick reviewed the loaner budget and loaner item usage statistics.
- **Department allocations** – There was discussion regarding making the variable amount in the budget be department allocations versus unallocated which are a portion of the Strategic Initiative budget line item. This discussion will be added to the agenda for the next meeting.

Adjourned - 7:18 pm