

Meeting Minutes for Engineering Student Technology Committee

Meeting: 6 May 2010
7:30am in Titan

Attending: Leah Belval (ECE), Mark Berrill (ECE), Prof. Tom Chen (ECE), Ross Davenport (CE), Hannah Hudson, *chair* (ME), Rachel McCrary (ATS), Syndi Nettles-Anderson (ME), Nick Parazoo (ATS), Mark Ritschard (ENS), Steve Rosnowski (CE), Nick Sansoni (CE), Prof. Tom Siller (Academic Affairs), Kevin Warner (ME), Derek Williams (intra)

Not Attending: Prof. Brian Bledsoe (CE), Prof. Tom Bradley (ME), Ryan Friese (ECE), Prof. Taka Ito (ATS), Katie Marshall (CBE), Prof. Ashok Prasad (CBE),

Guests: Eve Klopff (ECE), Mac McGoldrick (EECL)

-Review of 29 April Minutes
Unanimous Approval

-Budget

Review of budget for next year and any changes

Discussion of amount of print credits provided to students, currently \$21. There is an upward trend of people purchasing extra print credits over the past 10 years. Sometimes students use a lot of print credits because faculty request that they print notes/slides and don't realize what this costs the students. 12-15% of print credits go unused throughout the year. If we give people more print credits they'll just print more. Committee decides that no change is necessary.

Tech fee change?

Motion to keep it the same, \$170/semester, approved

Budget for next year

Approved (see attached)

-Proposals

- Ritschard (ENS) request for \$15,000 to cover over-spent budget for student pay.
Things went overlooked due to the new budget system (Kuali), there was high retention, so more hours, and fewer students had work-study than usual, caused the budget to be over-spent. If the committee does not approve then the deficit will be carried forward next year which would reduce student hours next year.
Short listed
- COMSOL Software (Reisfeld, Venayagamoorthy, Nickell) - \$12,470
Request for purchase of COMSOL Multiphysics and other computational modes. Committee feels that this software will have low use and is probably too complex for most undergraduates.
- ECE Lab Experience (Marconi, Notaros) - \$34,929
Request of demo kits for ECE 204 and \$20,000 worth of high end computers for a currently unused lab.
ECE 204 is a college wide class so all undergraduates will see this equipment, currently class has no interaction which this will provide. Computers are for the Controls Lab where currently the computers are very out of date and makes the lab unusable. Concern that computers may not be compatible with existing equipment. Can a server be configured to work with this equipment?
Chen wants to fund at a least a few computers to see if everything works.
Committee does not support purchasing the computers
- Interactive Demonstration Kits for ECE - \$14,184
Committee likes the idea of funding the ECE 204 Demo kits with the stipulation that the curricular changes must be approved before anything is purchased
Shortlisted
- EECL Classroom Renovation (McGoldrick) - \$60,376
The actual amount we can pay is \$46,000 because there are things on the proposal that ESTC cannot pay for (e.g. HVAC renovation). The impact would be roughly 100 people who are out at the EECL regularly. There is a possible match of funds from HP for the high end computers being requested.

- Drive Train (Zimmerle, Bradley) - \$24,950
This would provide experiences for all people wanting to work in this area, is a big draw for graduate students as well as for grant funding . This is a growing interest for the college and would be extremely useful. Lots of thought has gone into this proposal, ~\$75,000 have been leveraged from outside sources.
Short listed
- Help Desk software (Metz-ENS) - \$37,570
This would allow Lisa Metz to respond more efficiently to questions asked to ENS and therefore impact anyone asking a question. Currently the system being used is open source help software and does not have tracking capabilities. There does not seem to be any better open source software available and the software proposed seems to be the best option available. It is an interactive database with tracking capabilities.
Committee feels like this is just a lot of money
- Scanning Stations (Herrick- ENS) - \$3,535
There are terrible scanners in all the labs that are essentially unusable. Suggest putting in scanning stations with high quality, bigger scanners and have them set up as their own stations so they would not interfere with people's use of computers.
Short listed
- BC Infill (Klopf – ECE) : General Discussion, not proposal
HKN would like to work towards some renovation of the BC Infill, replace furniture and improve computers. They have discussed with ECC and have general approval to make some changes and set up an area with a projector. Are trying to leverage money from multiple places to fund these renovations
Committee agrees to allocate \$7,000 from next year's Strategic Initiatives budget to fund technology upgrades with the stipulation that they find funding for the other expenses.

Committee votes on the short listed ideas

- from last meeting: Sunray Servers, New furniture for Magellan
- from this meeting: Drive Train, ECE Demo Kits, Scanning Stations, Ritschard's request for \$15,000

Committee votes and approves \$87,669:

- Sunray Servers: \$30,000
- Drive Train: \$24,950
- ECE Demo Kits: \$14,184
- Scanning Stations: \$3,535
- Student Wages (ENS): \$15,000

-New Chair and Secretary for 2010-2011

Kevin Warner- Chair

Derek Williams – Secretary

Committee unanimously approves both positions.

- Committee adjourns for academic year.

Charges for Technology

College of Engineering

Budget Planning for Fiscal Year 2010-2011

	FY10	Proposed FY11	%
Assistive Technology	\$3,500	\$2,600	(\$900) -26%
Business Expenses	\$500	\$600	\$100 20%
Central Services & Systems	\$399,000	\$456,100	\$57,100 14%
Computer Lab Equip. Replacement	\$130,000	\$135,500	\$5,500 4%
Computer Lab Maintenance	\$28,000	\$28,800	\$800 3%
Network Equipment Replacement	\$20,000	\$26,400	\$6,400 32%
Network Maintenance	\$5,000	\$4,000	(\$1,000) -20%
Server Maintenance & Support	\$30,000	\$20,000	(\$10,000) -33%
Server Replacement	\$109,000	\$126,600	\$17,600 16%
Student Wages	\$77,000	\$114,800	\$37,800 49%
Department Allocations	\$170,000	\$170,000	\$0 0%
Atmospheric Science	\$12,300	\$12,200	(\$100) -1%
Chemical Engineering	\$30,500	\$31,100	\$600 2%
Civil Engineering	\$46,400	\$45,500	(\$900) -2%
Electrical & Computer Engineering	\$25,600	\$25,100	(\$500) -2%
Intra-departmental majors	\$6,000	\$6,000	\$0 0%
Mechanical Engineering	\$49,200	\$50,100	\$900 2%
Strategic Initiatives	\$12,000	\$10,700	(\$1,300) -11%
Unallocated	\$12,000	\$10,700	
Budget:	\$585,000	\$640,000	

Charge for Technology

Per semester:

current charge	170.00	
proposed charge	\$170	0.0%