

## **Engineering Student Technology Committee**

Meeting minutes for 5/8//09

*Present: Brad Reichel (CEE), Ross Bulkley (ME), Hannah Hudson (ME), Mark Berrill (ECE), Steve Roznowski (CEE), Prof. Tom Bradley (ME), Mark R.(ENS)*

### *Appointment of New ESTC Chair*

Current committee members were asked if they would be willing to be the new ESTC chair. Both Hannah Hudson and Mark Berrill agreed that they would be willing to fill the position. Mark deferred to Hannah and the committee agreed that Hannah would be a great choice for the position. Hannah Hudson was appointed as the new chair.

### *Intra-Departmental Funding Requests*

Four separate proposals were brought before the committee for use of the Intra-Departmental Fund which had grown to a sizable amount over the past few years.

Dr. Dave Alciatore proposed the purchase of a high speed video camera that would improve upon the colleges existing black and white model. The camera would cost \$19,800. There was discussion about whether the camera would qualify for funds and the consensus was that it did not fit the category for Intra-Departmental Funding. The proposal was rejected.

Dr. Chris Thornton proposed that the fund be used to create a design studio/conference room at the Engineering Research Center (ERC). The new facility would be used primarily by the increased number of undergraduate students that were working at the ERC. The requested setup for the facility would be similar to the design studios in the Magellan lab on the main campus. Specifically, the proposal included: 4 pcs, 1 smartboard, 1 projector, and a conference table with chairs to support up to 8 students. It was noted the proposal was good, but did not fit the category for Intra-Departmental Funding. The proposal was rejected.

Dr. Tom Chen proposed that a \$14,000 potentiostat be purchased with the fund. He made a strong argument for the need for the equipment for bio-sensor work that was being undertaken within the college. The committee discussed the benefits of the equipment and noted that the Biomedical Engineering program was growing and included students across multiple disciplines. The proposal was accepted and the committee agreed to fund the purchase of the equipment.

Dr. Diego Krapf proposed the purchase of a \$11,800 Zeiss Axiostar Plus microscope. The equipment would be primarily used by the growing Biomedical Engineering program. Dr. Krapf noted that students from the mechanical and electrical departments would also benefit from the purchase. His proposal showed that on average, at least 140 students would make use of the equipment per year. The committee discussed the proposal and agreed that the purchase would be beneficial and fit the intra-departmental category. The proposal was accepted and the committee agreed to fund the purchase of the equipment.

### *Strategic Initiatives Fund*

There was discussion of possibilities for the Strategic Initiatives Fund. It was decided that plans to modify the BC infill should be put on hold until the following year.

While the intra-departmental funding request made by Dr. Chris Thornton did not fit the category, it was revisited for possible funding through the Strategic Initiatives Fund. Rough cost estimates were made. It was concluded that furnishings for the facility would cost approximately \$15,000 and upfront equipment costs for 6 PCS, a digital sender, and a projector with screen would be approximately \$16,000. The annual cost of maintaining the equipment was estimated at \$4,000. The committee agreed that the new design studio/conference room would be a great addition to the resources available to all students in the college. It was noted that approval of funding would be dependent on the college covering the costs of NEW furnishings that would give the studio a professional appearance. Based on that stipulation, the committee voted to approve that the proposal be funded by the Strategic Initiatives Fund.

### *Acceptance of Final 2009-2010 Budget*

The committee performed a short review of the 2009-2010. A vote was called to accept the proposed budget for the 2009-2010 term. The vote was unanimously passed.

# Charges for Technology

## College of Engineering

### Budget Planning for Fiscal Year 2009-2010

	FY09	Proposed FY10	Change in Budget	
			\$	%
Assistive Technology	\$2,000	\$3,500	\$1,500	75%
Business Expenses	\$500	\$500	\$0	0%
Central Services & Systems	\$375,000	\$399,000	\$24,000	6%
Computer Lab Equip. Replacement	\$130,000	\$130,000	\$0	0%
Computer Lab Maintenance	\$24,000	\$28,000	\$4,000	17%
Network Equipment Replacement	\$20,000	\$20,000	\$0	0%
Network Maintenance	\$6,000	\$5,000	(\$1,000)	-17%
Server Maintenance & Support	\$20,000	\$30,000	\$10,000	50%
Server Replacement	\$98,000	\$109,000	\$11,000	11%
Student Wages	\$77,000	\$77,000	\$0	0%
Department Allocations	\$159,900	\$170,000	\$10,100	6%
Atmospheric Science	\$14,800	\$12,300	(\$2,500)	-17%
Chemical Engineering	\$24,700	\$30,500	\$5,800	23%
Civil Engineering	\$44,000	\$46,400	\$2,400	5%
Electrical & Computer Engineering	\$21,200	\$25,600	\$4,400	21%
Intra-departmental majors	\$6,000	\$6,000	\$0	0%
Mechanical Engineering	\$49,200	\$49,200	\$0	0%
Strategic Initiatives	\$32,600	\$12,000	(\$20,600)	-63%
Unallocated	\$32,600	\$12,000		
<b>Budget:</b>	<b>\$570,000</b>	<b>\$585,000</b>	<b>\$15,000</b>	<b>3%</b>

#### Charge for Technology

Per semester:

current charge	170.00	
proposed charge	\$170	0.0%
Anticipated revenue (based on increased enrollment)	\$585,000	