Engineering Student Technology Committee (ESTC):
(http://www.engr.colostate.edu/ESTC/)

Meeting minutes for April 9, 2003 - Eng. Conference Room - 7:45am

Present: Derek Akerhielm (ChemE), Prof. Garcia (CE), Miranda Grote (intra)
Tim Hinerman (ME), Shawn Klawitter (ChemE), Kate McDonnell (ECE),
Mark Ritschard (ENS), Prof. Siller (Academic Affairs),
David Wiegandt (ECE) - chair, Prof. Wilmsen (ECE),

Absent: Kat Christian (CE), Morgan Defoort (ME), Michael Flick (CE),
David Hodge (ChemE), Jennifer Meints (intra), J. P. Murray (ECE),
Arun Nair (CE), Derek Reding (ME), Prof. Sakurai (ME),
Prof. Wickramasinghe (ChemE)

- Corrections to previous meetings minutes (4-2-03)
none

- Finishing the year
Wiegandt noted that the final items for discussion for the year are 1) distributing the strategic funds, 2) developing next year's budget, and 3) electing a new chair for the committee. The first should be finalized today and the second will be finalized next week. Because he will be out of town from April 23 through May 4, next week should really be the final meeting and a chair needs to be elected. He asked that nominations for the chair be sent to Ritschard by Monday.

- Distributing strategic funds

Ritschard passed around a spreadsheet (attached) showing the average rankings of the proposals, and Grote submitted a late proposal from the Biomed group. After some discussion, the committee agreed to hold onto the Biomed proposal for strong consideration as part of next year's budget development.

The committee then discussed the proposals starting at the top of the rankings. Each of the top ranking proposals was clarified and further discussed, and the top four proposals were acted upon as follows. For the EECL lab, Garcia moved and Hinerman seconded that $10K be allocated this year and $10K next year. The motion passed unanimously. For the Environmental Engineering Lab, Hinerman moved and Garcia seconded that the $9K of intra-departmental funding be allocated along with $11K of strategic funds. The motion passed unanimously. For the Computer Power proposal, Garcia moved and Klawitter seconded that $5K be allocated this year and $5K next year. The motion passed unanimously. For the Graduate Citrix Farm, Hinerman moved and Klawitter seconded that $9K be allocated this year and $5K next year, with ENS supplying the remaining $1K if needed. The motion passed unanimously. In summary

	Strategic Funds FY03	Intra FY03	Strategic FY04
EECL lab	$10K		$10K
Envir. Lab	$11K	$9K	
Compute Power	$5K		$5K
Graduate Citrix	$9K		$5K
	$35K	$9K	$20K

Wiegandt will notify the proposers of the funding. At the end, Garcia reiterated that Biomed should be given a higher priority in next year's funding.

- GIS lab

Wiegandt has not yet heard a response from Labadie. Siller will check with Dr. Woods. It was reiterated that the committee's position is that funding will continue to be provided if the lab is opened up for general access between 5:00pm and 8:00am.

- Budget

Ritschard distributed a spreadsheet (attached) that shows both the numbers used to justify last year's Lab Equipment Replacement budget and a list of equipment currently installed in each lab. Some corrections were made to the spreadsheet that are included in the attached version. The committee will review the spreadsheet prior to next week with the goal of determining what equipment will be funded by the committee, what changes might be made in the equipment, and what level of funding the committee wishes to commit. In particular, committee members should talk with their constituents and use the attached spreadsheet to experiment with the numbers. Ritschard also distributed charts showing historic levels of funding from the committee and encouraged the committee to review the ESTC web pages

for further context:
http://www.engr.colostate.edu/committees/ESTC/overview.shtml

The next meeting will be Wednesday, April 16, at 7:45am.

Respectfully submitted by
Mark Ritschard

 Proposal Rankings FY03.xls

 Labs Budget Planning for FY04.xls

Proposal #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Average	Trim Mean	2nd Trim Mean	Cost	Running $	Comments
1. EECL Lab	1	2	1	1	1.5	1	1.5	1	6	1	1	1	4	1	8	2.13	1.77	1.45	35,000.00	35,000.00	allocate $10K from this year and $10K from next year
8. Env. Eng. Lab	9	1	9	2	1.5	2	1.5	4	9	4	8	3	1	2	1	3.87	3.69	3.45	30,000.00	65,000.00	allocate $9K from intra-college, and $10K from strategic; no allocation from next year's funding
5. Compute Power	5	4	3	5	6	3	7	3	4	5	5	2	5	5	6	4.53	4.54	4.55	5,000.00	70,000.00	allocate $5K from this year and $5K from next year
4. Graduate Citrix Farm	4	3	6	4	5	6	3	5	5	8	4	7	9	3	3	5.00	4.85	4.73	15,000.00	85,000.00	allocate $10K from this year and $5K from next year
7. Graphics Cards	8	7	7	3	7	4	4	8	2	7	7	4	3	4	4	5.27	5.31	5.27	20,000.00	105,000.00	no strategic funding; make them part of the regular replacement process
9. T:\classes space	6	5	4	7	3	8	5	7	1	6	9	5	2	8	5	5.40	5.46	5.55	14,000.00	119,000.00	
3. Student org workstations	3	8	2	6	4	9	8	2	8	9	3	9	6	6	2	5.67	5.69	5.73	6,000.00	125,000.00	allocate used equipment from student labs ("new" ones every year?)
6. Computer Desks	7	6	8	8	8	7	6	6	3	3	6	8	8	7	7	6.53	6.69	6.91	10,000.00	135,000.00	allocate $10K per year until we have enough desks; great long-term strategy
2. Scrolling marquees	2	9	5	9	9	5	9	9	7	2	2	6	7	9	9	6.60	6.77	7.00	2,500.00	137,500.00	not really a strategic proposal

Charges for Technology

College of Engineering

Budget Planning for Fiscal Year 2004

Budget: **Central Services & Systems**
Category: ***Computer Lab Equipment Replacement***

Information used for 2002-2003

	computers	printers	cost	
AERC	5	1	10,400	
Allison Hall	4	0	7,200	
Anderson Lab	80	3	148,200	
Design Studio	42	7	85,400	
Electronic Classroom	35	1	64,400	
ERC lab	10	1	19,400	
GIS lab	21	1	39,200	
Internet Café	26	1	48,200	**Annual Cost**
	223	15	422,400	105,600
average computer	1,800			
average printer	1,400			

Current Lab Equipment

	computers	*graphics workstations*	*thin clients*	*19" flat panel*	*21" Trinitron*	*19" Trinitron*	*printers*	*scanners*	*digital senders*	*projectors*	*plasma*	*Equip. Value*	*Avg. life cycle*	*Annual 4yr Repl. Cost*
AERC	5	0	0	0	0	5	1	0	0	0	0	12,250	4.1	2,994
Allison Hall	1	0	4	0	0	5	0	0	0	0	0	7,150	4.0	1,788
Anderson Lab	81	0	0	0	0	81	3	4	1	0	0	156,370	4.0	38,921
Design Studio	42	0	1	0	42	1	13	6	0	0	1	143,230	4.1	34,663
Technical Shop	4	0	0	1	0	4	0	0	0	0	0	7,900	4.0	1,975
Electronic Classroom	0	13	22	0	35	0	1	0	0	1	0	119,600	4.4	27,337
ERC lab	3	0	7	0	0	10	1	0	0	0	0	18,200	4.0	4,496
GIS lab	21	0	0	0	21	0	1	0	0	1	0	47,200	4.0	11,733
Internet Café	1	0	25	25	0	1	1	0	1	1	0	56,450	4.0	14,049
	158	13	59	26	98	107	21	10	2	3	1	568,350	4.1	***137,956***

	Cost	*life cycle*
computer	1,300	4
graphics workstation	5,500	6
thin-client	900	4
19" flat panel display	900	4
21" Trinitron monitor	600	4
19" Trinitron monitor	450	4
printer	3,500	5
scanner	430	4
digital sender	2,400	4
projector	3,800	4
plasma display	14,000	5

(all costs included: dual server (UNIX & Win) support and all licenses)