

Engineering Student Technology Committee
March 2, 2006

Electronic Classroom, 8:00am

Present: Prof. David Alciatore (ME), Prof. Antonio Carraro (CE), Scott Chase (ME),
Henrik Forsling (CE), Amanda Kaiser, *chair* (ME), Mark Ritschard (ENS),
Audrey Twiford (ME)

Absent: Prof. Tom Chen (ECE), Prof. Jeff Collett (Atmos), Mike Floren (CBE), Kendra Gabbert (CE),
Klaus Hartinger (ECE), Russ Schumacher (Atmos), Heidi Shray (ECE),
Dr. Tom Siller (Academic Affairs), David Wang (CBE), unfilled - graduate (Atmos),
unfilled - graduate (CBE), unfilled - undergraduate (CBE), unfilled - undergraduate (Civil),
unfilled - undergraduate (ECE), unfilled - undergraduate (Intra), unfilled - undergraduate (Intra)

- Introductions

- Review of Minutes from Meetings of 10/19/05 & 2/15/06
Minutes from both meetings were approved as written.

- Review of UTFAB and the need for a new representative

Kaiser indicated that an UTFAB is need for next academic year. The committee spends about \$2.5 million a year and approves things like the computer kiosks, classroom upgrades, and wireless.

- Print Credits Review and Possible Change.

Ritschard distributed three documents (all attached): 1) A review of printing costs and quotas for FY01 through FY06, 2) a review of actual costs of printing and 3) An expense comparison showing the actual cost per printer for the last few years. The Print Quota system has not been changed since it was implemented in the spring of 2001, however it was reviewed by this committee two years ago. Although the actual cost of printing in FY05 of \$27,570 was significantly higher than previous years, the actual cost per printer has gone up only slightly since FY03 (and is lower than both FY00 and FY01). The actual cost is higher because this committee has added printers to it's list of funded equipment (see attached expense comparison).

Students currently receive 1200 print credits (1 credit = 1 black and white page, duplex) per year. Those who run out can purchase additional credits at the amount of 890 credits per \$10. However, the comparison shows that \$10 is only equivalent to 790 credits at current prices. After much discussion, Alciatore moved and Ritschard seconded that print credits be sold at the amount of 500 credits per \$10. The motion passed unanimously; Ritschard agreed to implement the change this afternoon.

All present agreed that 1200 print credits is a reasonable amount of credits for all students. Forsling moved and Kaiser seconded that 1200 credits remain the standard annual allocation. There was some discussion about graduate students getting more credits because they potentially print more. The counter argument was expressed that all students pay the same charge for technology and so should get the same number of credits. The question was called and the motion passed unanimously.

Keeping credits at 1200, but reducing the amount of credits purchased by \$10 will hopefully achieve the goal of capping printing expenses at \$25K, which the committee desires. It will be determined if the one change was sufficient when the system is reviewed next year.

- TeamSpot demonstration

Dan Herrick, the College Computer Lab Manager, will do a demonstration on TeamSpot at the next meeting.

- Items remaining for discussion

- * Overview of Academic Village & partnership with Sun Microsystems
- * Decide on annual charge for FY07
- * Develop budget for FY07

The next meeting will be Thursday, March 9, at 8:00am in the Electronic Classroom. The meeting adjourned at 8:58am.

Respectfully submitted,
Mark Ritschard

Student Charges for Technology Fund

College of Engineering
Colorado State University

Annual Expense Comparisons

	FY05	FY04	FY03	FY02	FY01	FY00
Assistive Technology	\$3,126	\$2,479	\$0	\$2,555	\$1,800	\$0
Backup Equipment	\$0	\$4,254	\$0	\$17,591	\$9,628	\$0
Backup Maintenance & Repair	\$0	\$0	\$0	\$5,032	\$4,709	\$1,322
Backup Supplies	\$0	\$1,030	\$312	\$667	\$0	\$233
Computers	\$128,513	\$84,911	\$134,030	\$107,173	\$155,589	\$14,252
Computer Maintenance & Repair	\$2,136	\$1,438	\$2,331	\$3,952	\$856	\$1,866
Computer Peripherals	\$2,263	\$1,019	\$747	\$45	\$1,999	\$5,905
Computer Upgrades	\$4,157	\$751	\$1,059	\$9,915	\$7,165	\$23,716
Laboratory Equipment	\$59,930	\$66,032	\$34,264	\$16,634	\$21,858	\$41,126
Laboratory Equipment Maintenance	\$2,064	\$1,825	\$376	\$880	\$0	\$0
Laboratory Improvements	\$12,791	\$4,410	\$21,170	\$1,461	\$3,738	\$12,532
Laboratory Equipment Supplies	\$657	\$796	\$5,993	\$10,416	\$2,630	\$540
Modem Access for Students	\$736	\$928	\$804	\$1,295	\$1,735	\$1,000
Monitors	\$25,187	\$15,519	\$19,776	\$78,544	\$48,924	\$7,675
Network Equipment	\$4,444	\$8,299	\$8,346	\$3,895	\$4,415	\$14,341
Network Improvements	\$2,765	\$2,833	\$7,585	\$0	\$0	\$0
Network Maintenance	\$1,380	\$1,390	\$1,150	\$265	\$0	\$1,491
Network Supplies	\$176	\$444	\$11	\$502	\$230	\$541
Paper	\$5,179	\$5,504	\$3,463	\$4,813	\$4,755	\$3,289
Printer Maintenance	\$2,253	\$2,730	\$4,463	\$881	\$1,250	\$956
Printers	\$3,076	\$33,529	\$23,071	\$13,335	\$6,799	\$5,994
black & white laser printers	10	8	8	5	5	4
color laser printers	3	2	2	1	1	0
color plotters	2	2	2	1	0	0
avg. oper. cost per printer *	\$1,838	\$1,414	\$1,525	\$1,860	\$2,467	\$2,447
Projection Equipment	\$4,229	\$7,872	\$17,709	\$24,889	\$9,718	\$7,668
Revenue Collection Expenses	\$1,475	\$1,532	\$3,510	\$3,328	\$2,863	\$2,946
Scholarships	\$52,698	\$52,363	\$49,773	\$46,601	\$37,120	\$37,051
Security Systems	\$8,569	\$195	\$4,940	\$1,601	\$13,721	\$615
Servers	\$7,112	\$24,084	\$44,516	\$55,429	\$77,833	\$0
Server Maintenance and Repair	\$198	\$1,539	\$0	\$5,443	\$522	\$10,080
Server Peripherals	\$4,075	\$98	\$1,532	\$0	\$0	\$0
Server Upgrades	\$955	\$1,422	\$400	\$4,530	\$18,912	\$4,846
Software	\$52,970	\$51,043	\$69,236	\$89,042	\$90,034	\$44,208
Storage (Network File Space)	\$0	\$91,133	\$0	\$0	\$0	\$0
Student Wages	\$57,540	\$63,178	\$55,664	\$61,627	\$58,466	\$73,621
Telephone Charges	\$445	\$795	\$711	\$584	\$302	\$101
Toner	\$20,138	\$11,708	\$10,376	\$7,330	\$8,798	\$5,543
Total Expenses	\$471,239	\$547,082	\$527,313	\$580,253	\$596,370	\$323,456

* includes paper, toner, maintenance and revenue from print credit purchases