

Engineering Student Technology Committee

Meeting minutes for November 8, 2000 - Engineering B214 Conference Room -  
8:00am

Present: Prof. Fitzhorn (ME), Jennifer Flint (ECE), Mike Holland (ME),  
Prof. Labadie (CE), Eric Mui (ECE), Prof. Nassar (ECE), Lance Parker (ChemE),  
Mark Ritschard (ENS)

Absent: Torrey Burgess (ME), Prof. Dandy (ChemE), Alejandro Flores (CE),  
Dr. Gessler (Assoc. Dean), David Hodge (ChemE), Bethany Schilleman (CE),  
David Wiegandt (ECE), Marcel Zibognon (CE)

Guest: Autumn Mills, Engineering Legislature

- Introductions and attendance

Guest Autumn Mills attended in order to provide feedback to the  
Engineering Legislature on the status and work of the ESTC.

- Corrections to previous meetings minutes (10-25-00)

\*NONE\*

- Funds for staff proposal

This committee will need to decide if it wants to continue pursuing a  
change to the Charges for Technology Manual that would allow tech funds to  
be used for non-student employees who would oversee equipment purchased  
with tech funds.

- Report on University Charges for Technology Committee meeting

Lance Parker and Mark Ritschard represented the ESTC at the University  
Charges for Technology Committee meeting on Monday, November 6. The  
following items were discussed:

Financial Aid: The standard scholarship from Charges for Technology funds  
is 50% of the fee given to the most needy students. Colleges were  
encouraged to consider greater financial aid awards to reduce the absolute  
number of awards given and to make the scholarships more worthwhile to  
students. It was also reported that the cost of a computer can now be  
considered part of the "cost of attendance [at the university]"; \$2500  
toward a computer is now acceptable.

Assistive Technology Charge: ACNS did not know that the administration had  
done a budget transfer out of all technology fund accounts to pay for  
assistive technology without student permission. Prof. Jack McGrew of  
Natural Sciences reported that the Natural Sciences tech. committee will

meet with the administration to address the issue. It was also learned that tech funds can be used to pay for ergonomic furniture and special needs equipment.

Print quotas: Due to the TABOR amendment, it is presently not possible to charge students for printer usage over and above a "free" quota. ACNS is working to find a way to make it possible so that students can have more options for printing

Business College laptop initiative: Again, the TABOR amendment prevents students in the College of Business from purchasing computers for themselves through the tech charge as a college requirement. Business will be looking at other options.

Funds for Staff Proposal: Ritschard presented a review of last year's activity surrounding the initiative by the ESTC to change the Charges for Technology Manual. With the exception of Natural Sciences, all colleges expressed an interest in continuing to discuss the issue.

- Project update on '99-'00 approved projects

Ritschard distributed a spreadsheet on the status of approved projects from '99-'00. Projects were listed as "complete", "in progress", "funds never used", or "extra funds". Professors Labadie and Fitzhorn agreed to find out the status of the outstanding projects in CE and ME, respectively, and Parker agreed to find out the status of the one outstanding project in ChemE.

Parker made a motion that any funds not yet used remain allocated to the department, and, if not used for the approved project, that a proposal be submitted on how the funds should be spent. Nassar amended the motion by stipulating that project funds must be spent by the end of the next academic year after the year in which the proposal was approved. Flint seconded the motion and it passed unanimously, 8-0.

- Print quotas and student printing

Ritschard reported that print quota software has not been purchased, and hence not put into operation. He asked whether, given the charge-back restraints reported in the University Charges for Technology Committee meeting, ENS should continue to pursue implementing a print quota project. Parker and Ritschard both noted that other colleges have reported good success in reducing printing waste simply by providing "friction" in printing through implementation of print quotas. Fitzhorn also noted that restriction breeds creativity. Because it is assumed that a way will be found to charge for printing over quota, the committee asked Ritschard to continue with the print quota project.

Holland pointed out that discussion is needed about how quotas are implemented: one quota for all vs. different quotas based on need.

- Disbursement of Funds

A brief discussion was held on the history of fund disbursement and the pros and cons of allocating some funds to departments. Discussion will continue at the next meeting.

- Future agenda items

Committee web page

Committee communication with Engineering Legislature (requested by Mills)

The next meeting will be Wednesday, November 15.

Submitted by  
Mark Ritschard

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## Engineering Student Technology Committee Funded Projects 1999-2000

Status report November 8, 2000

### Central '99-'00

ECE lab upgrades	8,479.11	\$7,590.11	<b>will be used this year</b>
Web server	5,920.00		equipment is here and being installed
Glover lab	15,017.45		Complete
ME lab computers	26,931.00		Complete
FLUENT software	2,000.00		Complete
Glover 146 Lab upgrades	13,312.00		Complete
print quota software	2,500.00	\$2,500.00	<b>project still in process</b>
Sun Rays	13,000.00		Complete

### CBE '99-'00

SuperPro software	1,024.50		Complete
GPS signal	800.00		Complete
Lab upgrades	4,932.00		Complete
Fathom Software	16.00		Complete
AERC computer replacement	1,498.00		Complete
HYSIS	1,000.00	\$1,000.00	<b>Software never purchased</b>

### CE '99-'00

Tech Support (student wages)	12,480	\$11,073.35	<b>project still in process</b>
Lab Entry Card Readers	2,240	\$2,240.00	<b>project still in process</b>
ESRI software	1,650	\$1,650.00	<b>Software never purchased</b>
GIS workstations	4,000	\$342.13	<b>extra funds</b>
NSF Therm0 Cost Share	2,430	\$2,430.00	<b>funds never spent</b>

### ECE '99-'00

Lab maintenance	5,240.00		Complete
Lab proctor	119.45		Complete

### ME '99-'00

CNC Milling Machine	9,000.00	\$465.37	<b>extra funds</b>
Wireless Radio Set	25.36		Complete
CMS software	6,060.00	\$6,060.00	<b>funds never spent</b>
Refrigeration upgrade	692.00		Complete
Dewar	1,437.00		Complete
Robot Repair	2,198.00		Complete
Welder	3,467.91		Complete