

Student Fee Advisory Committee

March 10, 2010
Meeting Minutes

Present: Andres Gonzalez, Nidal Zmily, Natalie Goudarzian, Ching-Yun Li, Sarah Bana, Megan Braun, Calvin Sung, Payel Chowdhury

Absent: David Curry, Adam Van Wart, Erin Kelly, Leslie Millerd Rogers, Rosemary Busta

Staff: Karen Mizumoto

Interns: Sonia Bernick

1. Meeting called to order at 12:15 pm.
2. Course Materials Fee Discussion and Recommendation Vote for Engineering courses
 - a. Committee feels it is a bad idea to pay for labor costs of lab managers/technicians even if they provide specialized training and services; this should be part of providing instruction. The committee also does not support using CMF for instructional equipment repair/maintenance and replacement.
 - b. The cost per student for each lab/course needs to be recalculated without labor and equipment costs.
 - c. Chemical Engineering and Materials Science: Department requests a new CMF of \$100 for CBEMS 164 (X-Ray Diffraction, Electron Microscopy and Micro Analysis) and revised CMFs of: \$150 for CBEMS 140A and B (Chem. Engr. Lab I & II); \$50 for CBEMS 155L (Mech. Behavior Lab); and \$45 for CBEMS 50L (Principles of Mat Sci Engr). CMFs will cover the cost of lab engineer providing specialized instruction to the course.
Discussion: Committee does not support the cost of lab staff.
Vote: In favor = 0; Opposed = 7; Abstaining = 0
 - d. Civil & Environmental Engineering: Department proposes new CMFs of: \$41 for CEE 150L (Mech of Mat'l Lab); \$47 for CEE 151C (Reinforced Concrete Design); \$48 for CEE 130 L (Soil Mechanics Lab); \$48 for CEE 162 (Intro to Envr Chem); \$30 for CEE 171 (Infrastructure Hydraulics); and \$15 for CEE 163 (Biological Treatment Processes). CMFs will cover the cost of consumable materials and supplies, disposal fees, lab staff who provide specialized training and support to students, equipment repair, maintenance and calibration, equipment replacement, and vehicle rental for field trips.
Discussion: Committee supports the costs of consumables, disposal and vehicle rental; committee does not support equipment related costs and the cost of labor.

Committee votes to recalculate cost per student after removing equipment and labor costs.

Vote:

- \$21 fee for CEE 150L: In favor = 7; Opposed = 0; Abstaining = 1
- \$19 fee for CEE 151L: In favor = 8; Opposed = 0; Abstaining = 0
- \$25 fee for CEE 130L: In favor = 7; Opposed = 0; Abstaining = 0
- \$20 fee for CEE 162: In favor = 7; Opposed = 0; Abstaining = 0
- \$5 fee for CEE 171: In favor = 7; Opposed = 0; Abstaining = 0
- \$15 fee for CEE 163: In favor = 9; Opposed = 0; Abstaining = 0

- e. Biomedical Engineering: The department is requesting CMFs of: \$50 for BME 140 (Design of Biomedical Electronics); \$100 for BME 170 (Biomedical Engineering Lab); and \$100 each/\$300 total for BME 180A,B,C (Biomedical Engineering Design). CMFs will cover the costs of electronic and biomedical consumables, components and materials, lab kits for students, the cost of website updates and maintenance, and lab staff support for lab manager.

Discussion: The committee supports the costs of consumables, lab kits and course website, but does not support the cost of labor for the lab manager. Recalculated cost per student without labor costs is greater than the proposed CMF for BME 170 and 180A,B,C, therefore the committee votes to recommend the fees as proposed. The committee votes to support a fee of \$48 for BME 140.

Vote:

- \$48 for BME 140: In favor = 9; Opposed = 0; Abstaining = 0
- \$100 for BME 170: In favor = 9; Opposed = 0; Abstaining = 0
- \$100 ea/\$300 total for BME 180A,B,C: In favor = 9; Opposed = 0; Abstaining = 0

- d. Mechanical & Aerospace Engineering: The department proposes CMF of: \$120 for E57 (Engr Mfgr Processes Lab); \$185 for E98 (Project Engineering); \$60 for MAE 106 (Mech Systems Lab); \$20 for MAE 107 (Fluid Thermal Lab); \$10 for MAE 108 (Aerospace Lab); \$40 for MAE 151 (Mech Engr Design); \$10 for MAE 180 (Electric Circuits); and \$160 for MAE 189 (Race Car Engineering Section). Fees will support the cost of consumable materials and supplies used in fabrication, cost of video production used to document students' design/fabrication experience, cost of travel to competitions, equipment maintenance and repair, and cost of lab/technical staff providing specialized training and support to students.

Discussion: committee voted to recommend support of fees to recover consumable materials/supplies, video production, and travel, but does not support the costs related to equipment and labor.

Vote:

- Fee for E57: In favor = 0; Opposed = 7; Abstaining = 0
- \$14 fee for E98: In favor = 7; Opposed = 0; Abstaining = 0
- \$19 fee for MAE 106: In favor = 7; Opposed = 0; Abstaining = 0

- \$3 fee for MAE 107: In favor = 7; Opposed = 0; Abstaining = 0
- Fee for MAE 108: In favor = 0; Opposed = 7; Abstaining = 0
- \$16 fee for MAE 151: In favor = 7; Opposed = 0; Abstaining = 0
- Fee for MAE 180: In favor = 0; Opposed = 7; Abstaining = 0
- \$119 fee for MAE 189: In favor = 7; Opposed = 0; Abstaining = 0

f. Electrical Engineering & Computer Science: the department proposes CMFs of: \$45 for EECS 70LB (Network Analysis II Lab); \$73 each for EECS 129A,B (Computer Engr Sr Design Proj); \$17 for EECS 152B (Digital Signal Processing Design & Lab); \$42 for EECS 160LA (Control Systems I Lab); \$45 for EECS 163L (Power Systems Lab); \$101 for EECS 166A (Industrial and Power Electr-u/g); \$58 for EECS 267A (Industrial and Power Elect-grad); \$42 for EECS 170LA (Electr I Lab); \$40 for EECS 170LB (Electr II Lab); \$47 for EECS 170LC (Electr III Lab); \$29 for EECS 189A (Electrical Engr Sr Design Proj); \$30 for 189B (Electrical Engr Sr Design Proj); \$70 for EECS 275B (Very Large Scale Integration Proj Testing); \$33 each for CSE 181A, B (Sr Design Proj in Comp Sci & Engr); \$45 for EECS 31L (Intro to Digital Logic Lab); and \$45 for EECS 113 Processor Hardware/Software Interfaces. The CMF will cover the cost of consumable course materials and supplies, equipment maintenance and repair, and lab staff providing supplemental support and enhanced experiences for students.

Discussion: the committee supports the cost of consumables, but does support the equipment-related costs or the cost of labor; the committee votes to approve fees \geq \$3 after recalculating the cost per student without equipment and labor costs.

Vote:

- Fees for courses with cost per student \leq \$3 (EECS 129A, EECS 129B, EECS 152B, EECS 189A, EECS 189B, CSE 181A, and CSE 181B):
In favor = 0; Opposed = 7; Abstaining = 0
- Fees for courses with costs per student \geq \$3 including:
 - *\$5 for EECS 70LB
 - *\$6 fee for EECS 160LA
 - *\$7 fee for EECS 163L
 - *\$6 fee for EECS 166A
 - *\$10 fee for EECS 267A
 - *\$4 fee for EECS 170LA
 - *\$6 fee for EECS 170LB
 - *\$6 fee for EECS 170LC
 - *\$9 fee for EECS 275B
 - *\$5 fee for EECS 31L
 - *\$5 fee for EECS 113
 In favor = 7; Opposed = 0; Abstaining = 0

3. Meeting adjourned.