

**Engineering Student Technology Committee**  
**Technology Fee Project Proposal**  
*Must be submitted on or before April 16, 2000*

Please use this form to request technology fee expenditures for equipment in classrooms, computer laboratories, or other instructional or research laboratories, in keeping with the State Board of Agriculture Charges for Technology Manual guidelines found at <http://www.colostate.edu/services/acns/itec/fee.html>. Technology committee members are available for assistance, the names of whom appear in Section IV. Also see Section IV for submission information.

**Section I. Overview**

1. Project Type

- departmental project (requested against departmental fund allocation)
  - \* other project (may be for a single department or college-wide, but request is against central funds)
- (\$83,000 is available for other projects; see department heads for department allocation amounts.)

2. Title of proposal

Computer Upgrades in the Systems and Electronics Laboratories

3. Submitted by (Name & contact information of primary submitter(s) – up to three)

Derek Lile, x-6600 and Tom Aurand, x-6938

4. Proposal supported by\*

\* Proposals with wide-spread support from a cross-section of the college will be given preference. Although this form may be submitted electronically with a list of supporters, actual signatures are required for all supporters beyond the original submitter(s).

5. This project request

- does not pertain to facilities or equipment
- \* is to maintain and/or upgrade existing facilities (replacement equipment only requested)
- is to augment and maintain existing facilities (some new equipment requested)
- is to provide a new facility (all new equipment requested)

6. Brief summary of proposal (Please limit answer to no more than three paragraphs)

This proposal is for new (8 Gbyte) disc drives and 64M of new RAM for the computers in Room C207, and for 64M of new RAM for the computers in Room C107.

7. Location for proposed equipment:

8. Equipment requested (complete only if proposal is for equipment and/or software):

<u>Specific equipment needed</u>	<u>number</u> <u>requested</u>	<u>unit</u> <u>cost</u>	<u>total</u> <u>cost</u>
Hard drives	15	\$245	\$3,675
RAM modules	15	\$300	\$4,500
RAM modules	12	\$200	\$2,400
 <u>Specific software needed</u>	 <u>number</u> <u>requested</u>	 <u>unit</u> <u>cost</u>	 <u>total</u> <u>cost</u>

Total cost: \$10,575

## Section II. Pedagogical considerations

1. What are the pedagogical goals of this proposal? (Please limit answer to no more than three paragraphs)

To provide adequate computing facilities.

2. Why is the equipment requested appropriate for the goals stated in #1, above?  
(complete only if proposal is for equipment and/or software):

3. How will the attainment of the goals in #1, above, be measured and who will do the measuring?

4. Planned course/research benefit:

Course No/Research projects

Number of students affected/semester

~ 400

5. What other courses/departments in the college will be able to use this facility for instructional use?  
(complete only if proposal is for equipment and/or software)

6. What functionality will this equipment provide that is not already available elsewhere in the college?

7. How many hours per week (M-F, between 7am and midnight) will this equipment be accessible for general student use? (complete only if proposal is for equipment and/or software)

~ 80 hours

8. How will students be made aware of this project? (complete only if proposal is for equipment and/or software)

### Section III. Operation, Maintenance, and Funding

1. Complete either A or B:

A. If this request is for student employee wages, who will be the supervisor of those students?  
(the supervisor must sign here if name does not appear in Section I, #2 or #3)

B. If this request is not for student employee wages, who will be responsible for oversight and any installation, ongoing maintenance, or repair for this project?  
(the responsible party must sign here if name does not appear in Section I, #2 or #3)

Tom Aurand, x-6938

2. What operation & maintenance services would be needed from ENS staff? from department staff?

3. What modifications of current space will be necessary to install the new equipment? (remodeling, wiring, security, furniture, etc.)

4. Source of funding for the modifications in #3, above:

5. Estimated cost of operational expenses (supplies, maintenance, supervision, student assistance, etc.):

6. Source of funding for the expenses in #5, above:

7. What other sources of funding (and how much) exist for this project (outside grants, equipment donations, reallocation of existing equipment, etc.)?

8. What attempts have been made to obtain the funds in #7, above?