

Engineering Student Technology Committee
Technology Fee Project Proposal
Must be submitted on or before February 9, 2001

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. Title of proposal Software License Fees

2. Submitted by (Name & contact information of primary submitter(s) – up to three)
Derek L. Lile & Tom Aurand

3. 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).

4. This project request is

- for student wages
- for software
- to augment and maintain existing facilities (some new equipment requested)
- to provide a new facility (all new equipment requested)

5. Brief summary of proposal (Please limit answer to no more than one paragraph)

The ECE department supports a number of software tools to enable us to deliver a high quality educational experience to our students. The proposal requests the necessary funds to renew the licences for these tools for the year.

6. Location for proposed equipment or software:

On various machines located throughout the engineering building

6a. Equipment/Software requested (complete only if proposal is for equipment and/or software):

Specific software needed	Number Requested	Unit Cost	Total Cost
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Cadence/Orcad	10 seats	\$360	\$3,600
Synopsys	Site License		\$2,500
Data I O	Site License		\$1,400
Mentor Graphics	20 seats	\$205	\$4,100
Xilinx	10 seats	\$50	\$500
Total Cost:	\$12,100		

Total cost:

Section II. Pedagogical considerations

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

The use of software tools has become mandatory in the education of all types of engineers including electrical and computer engineers.

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

Without licenses – no legal software!

3. Planned course/research benefit:

Course No./Research projects

Number of students affected/semester

Many of our courses employ at least one of the software tools listed in this proposal.

4. How will this proposal improve instruction (specific lessons, experiments, exercises affected, etc.)?

(Please limit answer to no more than three paragraphs)

These licenses will allow us to continue to deliver the present educational program

Section III. Operation, Maintenance, and Funding

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

I am not aware of this software being available for ECE use elsewhere in the College

2. 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)

Most of the ECE labs are open until 11:00pm Monday through Friday, most of Saturday and part of Sunday (15hrs total on weekends). The UNIX lab is available 24/7

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

They will only become aware of it if the licenses are not renewed

4. 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)

n/a

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)

Primarily Tom Aurand, with some support from ENS as needed

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

Usual software care and attention support. Primary support responsibility will reside with Tom Aurand. Also see above

6. What modifications of current space will be necessary to install the new equipment (remodeling, wiring, security, furniture, etc.) and what is the source of funding for those modifications?

N/a

7. What is the estimated cost of operational expenses (supplies, maintenance, supervision, student assistance, etc.) and how will those expenses be funded?

n/a

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

none

9. What attempts have been made to obtain the funding from other sources? None. However, most of the license fees already include a substantial educational discount

