

# GEORGIA STATE UNIVERSITY

## FY 2008 Technology Fee Proposal

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Submitting Organization:

Major Unit: College of Arts & Sciences

Department: Ernest G. Welch School of Art & Design

Contact Person: Michael White, Nancy Floyd, Joan Tysinger

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1. Project Short Title

|   |
|---|
| <u>Necessary Enhancement and Maintenance of Interior Design Labs and Classrooms</u> |
|---|

2. Total Requested

|                  |
|------------------|
| Fiscal Year 2008 |
|------------------|

|             |
|-------------|
| \$41,767.00 |
|-------------|

3. Executive Summary

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| <b>Project Description (three or four sentences)</b> |
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This proposal has three goals:

1. To provide necessary specialized support for Interior Design's industry standard, accreditation required, PC-based AutoCAD lab through a limited on-call service block-time agreement with the support division of our local AutoDesk-certified reseller;
2. To replace existing ceiling mounted digital projectors, units not supported by Classroom Support, with supportable units in AH 367 (IDEAS Lab) and ID Studio/Lecture Rooms AH365 and AH355,
3. To add a large format color laser printer for 11x17 studio production to relieve the miscellaneous color plot load on our existing HP 815mfp (Tech Fee FY2005) large format plotter (roll feed, 42"x roll length) and eliminate wasted resources (paper and ink) by providing a more efficient printer for mid-size plots.

4. Project Description

In the 2006 funding cycle Interior Design was granted monies for hardware, software, networking and peripherals to create an industry-standard, 18-seat CAD lab. This proposal arises from the implementation of that project and is necessary to fully accomplish its goals.

Currently all resources purchased with Tech Fee funds are precluded from traditional university funded tech support mechanisms (UETS, IS&T, Help Desk, Classroom Support, etc.). The sizable investment represented by the new ID lab requires regular and on-going maintenance and support in order to meet the original goals and intent of the original provision. The lab hardware and software must be updated, serviced, and maintained by qualified technicians in order to effectively serve our students.

This grant proposal seeks to provide efficient specialized support for our department's AutoCAD lab through a limited on-call service agreement with the support division of our local AutoDesk-certified reseller, ASTI. Traditional university sponsored GLA support mechanisms alone can neither effectively nor efficiently meet the highly specialized needs of this absolutely critical component of our program. Literally every Studio Art/ID undergraduate and graduate student is affected by the hardware and softwares provided via these labs. Their efficient functionality is critical to our mission of educating students in an increasingly technical field.

The proposal also request funds to replace existing ceiling mounted digital projectors in AH 367 (IDEAS Lab) and ID Studio/Lecture Rooms AH365 and AH355. Currently the University does not service these projection units. The units we request here are supported.

To relieve the overload on the HP 815mfp large format plotter (roll feed, 42"x roll length) purchased with Tech Fee FY 2005 funds, we seek to add a large format color laser printer for 11x17 studio production. It will be a more efficient printer for mid-size plots.

5. Record the review numbers assigned by IS&T and Facilities. Their assessments must be included in Sections 16 and 17.

|                       |
|-----------------------|
| IS&T: IST08-018       |
| Facilities: #14505-07 |

6. Relevance to Regents Guidelines

**[1] Technology fee revenues should be used primarily for the direct benefit of students to assist them in meeting the educational objectives of their academic programs.**

Professional accreditation standards established by CIDA (Council for Interior Design Accreditation, formerly the Foundation for Interior Design Education and Research or FIDER) require academic programs of Interior Design to give students media-specific technology instruction and training. Building on the university's commitment to our Interior Design program evidenced in the successful 2006 Student Technology Fee grant, this proposal outlines means to support and maintain the specialized, industry

standard software and hardware purchased through the previous grant. In addition the project adds hardware and production tools needed to more efficiently educate and train Interior Design students.

**[3] Technology fee revenues should be used for hardware and Network related expenditures that include support of general purpose or special purpose laboratories used by students for body productivity and more discipline related activities.**

This proposal builds on the 2006 grant that provided hardware, software and networking for discipline specific classroom/studio labs for the Interior Design program. Specifically this proposal seeks support to properly maintain Interior Design's CAD labs and requests needed tools for student production and education. With this support and these tools, Interior Design students will have access to the industry-standard technology instruction and training required by CIDA for accreditation.

**[4] Technology fee revenues may be used for training of students and, to a lesser extent, staff and faculty.**

Our ultimate goal is to graduate respected and sought-after designers fully capable of functioning in our nation's most successful design firms. Building on the previous 2006 grant, this proposal will aid us as we expand our technology instruction capabilities to a level expected of CIDA accredited programs and will help us give GSU Interior Design graduates the essential technological skills expected of designers entering the profession.

**[5] Technology fee revenues may be used to leverage other funds where appropriate.**

Implementation of this proposal will 'complete' the 2006 Tech Fee grant we received. In so doing, it will enhance our program's standing and perceived viability in the local and regional academic community; will further our efforts to establish a collaborative/joint program with the Georgia Institute of Technology College of Architecture; and will position our program to assume a leadership role in the professional community locally and nationally. There is real potential for developing collaborative projects, professional exchanges and gaining outside investment in our program.

7. Relevance to Strategic Plan(s)

**This proposal conforms to the University's commitment to a technology-enhanced model of education.**

This proposal is part of Art and Design's multi-year strategic plan, focusing this year specifically on completing Interior Design's implementation of CAD software and professional production and output resources.

Interior Design is a key component in Art and Design's applied design curriculum and a popular area of study. This proposal grows out of the School's commitment to strengthen the Interior Design program and provide what is needed to bring the program into alignment with professional standards.

**This proposal accords with the University's 2004 Action Plan focus on graduate education in the areas of recruitment and research. The stated "goal is to maintain the graduate student composition of the student body at approximately 30%." A further goal is to "maintain or increase diversity while increasing the quality of the incoming students."**

The professional-grade Interior Design graduate and undergraduate programs must provide students with functioning, industry standard research, production and output tools. The specialized software support and production and output hardware described in this proposal will allow for maximum development of graduate level programs, student research, and project development and production in a workspace conducive to graduate-level explorations.

#### 8. Impact on Students Served

Literally every ID undergraduate and graduate student is affected by the hardware and softwares provided via these labs. Their efficient functionality is critical to our mission of educating students for an increasingly technical field. Implementing this grant will impact every class offered in the Interior Design program, specifically affecting 371 undergraduate and 24 graduate students.

9. Justification of Funding Requirements for Fiscal Year 2008

Provide a specific description of the funding requirements for FY 2008 in the Microsoft Excel spreadsheet below. You must use the same terminology as in the Project Description (page 2, #4) to allow each itemized line to be traced back to the items and functionality appearing in the Project Description. Failure to do so will negatively affect consideration of your proposal. Itemize and total the following categories of expense. If necessary, add lines to the table below corresponding to accounting objects of expense. **Please note that any equipment items less than \$4,999 should be categorized as "supplies."**

| Object of Expense   | Itemized Descriptions  |                 | Quantity | Per unit price     | Extended Total     |
|---|--|-----------------|----------|--------------------|--------------------|
| <b>Supplies</b> (Note: PCs under \$5,000 go here. Also, use standard dollar amounts and replacement thresholds from sections 11/12, or provide explanation in sections 11/12.)  | Epson PowerLite 821p Multimedia Projector                          |                 | 3        | \$ 2,128.00        | \$13,179.00        |
|   | Epson Ceiling Mount for Powerlite 821p                             |                 | 3        | \$199.00           |                    |
|   | Large format color laser printer (11x17)                           |                 | 1        | \$6,198.00         |                    |
|   | Item 4   |                 |          |                    |                    |
|   | Item 5   |                 |          |                    |                    |
|   | Item 6   |                 |          |                    |                    |
|   | Item 7   |                 |          |                    |                    |
| <b>Equipment</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Software</b> (Note: Include Vendor and Product Name.)  | 1-yr license renewal of SketchUp for IDEAS lab and ID Grad Lab     |                 | 24       | \$15.00            | \$360.00           |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3, etc  |                 |          |                    |                    |
| <b>Maintenance or Contractual Services</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Board of Regents Guidelines state "In almost no cases should technology fee revenues be used for ... space renovation, or other items or activities that do not have a direct and immediate impact upon students instructional objectives." (See Attachment 1, #8)</b> |  |                 |          |                    |                    |
| <b>Construction Services</b> (Requires review of Planning & Facilities)   | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3, etc  |                 |          |                    |                    |
| <b>Network Connections and Infrastructure Costs</b> (Requires review of UCCS)   | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3   |                 |          |                    |                    |
|   | Item 4, etc  |                 |          |                    |                    |
| <b>Physical Security</b> (Note: Costs normally should not exceed 2.5% of Total Requested.)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3   |                 |          |                    |                    |
|   | Item 4, etc  |                 |          |                    |                    |
| <b>Other Expenses</b> (explain)   | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Board of Regents Guidelines state "Technology fee revenues may be used - with caution - for new staffing that is either temporary or ongoing." (See Attachment 1, #6)</b>  |  |                 |          |                    |                    |
| <b>Staff Salaries</b>   | Item 1<br>ASTI On-call service, block time agreement               | 40hr/sem        | 80       | \$140.00           | \$11,200.00        |
| <b>Fringe Benefits</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
|   |  | <b>Hours/wk</b> |          | <b>Hourly Rate</b> |                    |
| <b>Student Assistant Salaries</b>   | Item 1<br>Item 2, etc  |                 |          |                    | \$0.00             |
| <b>Graduate Student Assistant Salaries</b>  | GLAs for IDEAS Lab and ID Grad Lab (24 hours/week X 32 weeks/year) | 24hr/32         | 768      | 12.5               | \$9,600.00         |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>TOTAL</b>  |  |                 |          |                    | <b>\$34,339.00</b> |

### 10. Consequences of Partial Funding

State what the consequences would be on the effectiveness and viability of the proposal if it were only funded in FY 2008 at the following percentages of the requested total:

**Only 75% funded:**

75% funding would be viable with the following results: 1) a lesser quality 11x17 color laser printer and 2) a reduction in total support hours funded for external lab support via the ASTI block time agreement and internal GLA support.

| Object of Expense   | Itemized Descriptions  |                 | Quantity | Per unit price     | Extended Total     |
|---|--|-----------------|----------|--------------------|--------------------|
| <b>Supplies</b> (Note: PCs under \$5,000 go here. Also, use standard dollar amounts and replacement thresholds from sections 11/12, or provide explanation in sections 11/12.)  | Epson PowerLite 821p Multimedia Projector                          |                 | 3        | \$ 2,128.00        | \$9,881.00         |
|   | Epson Ceiling Mount for Powerlite 821p                             |                 | 3        | \$199.00           |                    |
|   | Large format color laser printer (11x17)                           |                 | 1        | \$2,900.00         |                    |
|   | Item 4   |                 |          |                    |                    |
|   | Item 5   |                 |          |                    |                    |
| <b>Equipment</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Software</b> (Note: Include Vendor and Product Name.)  | 1-yr license renewal of SketchUp for IDEAS lab and ID Grad Lab     |                 | 24       | \$15.00            | \$360.00           |
|   | Item 3, etc  |                 |          |                    | \$0.00             |
| <b>Maintenance or Contractual Services</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Board of Regents Guidelines state "In almost no cases should technology fee revenues be used for ... space renovation, or other items or activities that do not have a direct and immediate impact upon students instructional objectives." (See Attachment 1, #8)</b> |  |                 |          |                    |                    |
| <b>Construction Services</b><br>(Requires review of Planning & Facilities)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3, etc  |                 |          |                    |                    |
| <b>Network Connections and Infrastructure Costs</b><br>(Requires review of UCCS)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3   |                 |          |                    |                    |
|   | Item 4, etc  |                 |          |                    |                    |
| <b>Physical Security</b> (Note: Costs normally should not exceed 2.5% of Total Requested.)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3   |                 |          |                    |                    |
|   | Item 4, etc  |                 |          |                    |                    |
| <b>Other Expenses</b><br>(explain)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Board of Regents Guidelines state "Technology fee revenues may be used - with caution - for new staffing that is either temporary or ongoing." (See Attachment 1, #6)</b>  |  |                 |          |                    |                    |
| <b>Staff Salaries</b>   | Item 1   |                 |          |                    | \$8,400.00         |
|   | ASTI On-call service, block time agreement                         | 30hr/sem        | 60       | \$140.00           |                    |
| <b>Fringe Benefits</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
|   |  | <b>Hours/wk</b> |          | <b>Hourly Rate</b> |                    |
| <b>Student Assistant Salaries</b>   | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Graduate Student Assistant Salaries</b>  | GLAs for IDEAS Lab and ID Grad Lab (18 hours/week X 32 weeks/year) | 18hr/32         | 576      | 12.5               | \$7,200.00         |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>TOTAL</b>  |  |                 |          |                    | <b>\$25,841.00</b> |

**Only 50% funded:**

50% funding would be viable with the following results: 1) the elimination of the 11x17 color laser printer and 2) a further reduction in total support hours funded for external lab support via the ASTI block time agreement and internal GLA support.

| Object of Expense   | Itemized Descriptions  |                 | Quantity | Per unit price     | Extended Total     |
|---|--|-----------------|----------|--------------------|--------------------|
| <b>Supplies</b> (Note: PCs under \$5,000 go here. Also, use standard dollar amounts and replacement thresholds from sections 11/12, or provide explanation in sections 11/12.)  | Epson PowerLite 821p Multimedia Projector                          |                 | 3        | \$ 2,128.00        | \$6,981.00         |
|   | Epson Ceiling Mount for Powerlite 821p                             |                 | 3        | \$199.00           |                    |
|   | Item 4   |                 |          |                    |                    |
|   | Item 5   |                 |          |                    |                    |
|   | Item 6   |                 |          |                    |                    |
|   | Item 7   |                 |          |                    |                    |
|   | <b>Equipment</b>   | Item 1          |          |                    |                    |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Software</b> (Note: Include Vendor and Product Name.)  | 1-yr license renewal of SketchUp for IDEAS lab and ID Grad Lab     |                 | 24       | \$15.00            | \$360.00           |
|   |  |                 |          |                    | \$0.00             |
|   | Item 3, etc  |                 |          |                    |                    |
| <b>Maintenance or Contractual Services</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Board of Regents Guidelines state "In almost no cases should technology fee revenues be used for ... space renovation, or other items or activities that do not have a direct and immediate impact upon students instructional objectives." (See Attachment 1, #8)</b> |  |                 |          |                    |                    |
| <b>Construction Services</b><br>(Requires review of Planning & Facilities)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3, etc  |                 |          |                    |                    |
| <b>Network Connections and Infrastructure Costs</b><br>(Requires review of UCCS)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3   |                 |          |                    |                    |
|   | Item 4, etc  |                 |          |                    |                    |
| <b>Physical Security</b> (Note: Costs normally should not exceed 2.5% of Total Requested.)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2   |                 |          |                    |                    |
|   | Item 3   |                 |          |                    |                    |
|   | Item 4, etc  |                 |          |                    |                    |
| <b>Other Expenses</b><br>(explain)  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Board of Regents Guidelines state "Technology fee revenues may be used - with caution - for new staffing that is either temporary or ongoing." (See Attachment 1, #6)</b>  |  |                 |          |                    |                    |
| <b>Staff Salaries</b>   | Item 1   |                 |          |                    | \$5,600.00         |
|   | ASTI On-call service, block time agreement                         | 20hr/sem        | 40       | \$140.00           |                    |
| <b>Fringe Benefits</b>  | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
|   |  | <b>Hours/wk</b> |          | <b>Hourly Rate</b> |                    |
| <b>Student Assistant Salaries</b>   | Item 1   |                 |          |                    | \$0.00             |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>Graduate Student Assistant Salaries</b>  | GLAs for IDEAS Lab and ID Grad Lab (12 hours/week X 32 weeks/year) | 12hr/32         | 384      | 12.5               | \$4,800.00         |
|   | Item 2, etc  |                 |          |                    |                    |
| <b>TOTAL</b>  |  |                 |          |                    | <b>\$17,741.00</b> |

## 11. Standard Dollar Amounts

NA

## 12. Standard Replacement Thresholds

NA

## 13. Prerequisite, Non-Technology Fee Funding

NA

## 14. Matching Funds

NA

## 15. Staffing and Other Support Availability

The Interior Design Area Coordinator has the primary responsibility for the operation and general maintenance of the IDEAS lab and ID classrooms. Other faculty teaching specific coursework in the lab also participate in the day-to-day management and maintenance of the facility as it relates to their particular course content including use of AUTOCAD. It is expected and outlined in the department's strategic plan that the department will hire another FTTT faculty member with digital technologies expertise. That faculty member will teach CAD classes and take over the primary management of the IDEAS lab.

## 16. Space Availability and Impact on Facilities

Power is already in place to support the identified three ceiling mounted digital projectors. **This project has no impact on facilities.**

## 17. Impact on Computing/Networking/Information Security Infrastructure

### Information Security Review (Tammy Clark):

Impact: No

Assessment:

### Wireless and Network Ports Review (Mark Roberson):

Impact: Yes/- possibly.

Assessment: Network capable projectors will require cabling and Ethernet ports near the projectors...if they don't already exist. Please include estimated cost of \$410 per/connections.

### Server Connections (Charles Hollingsworth, Tammy Clark, Keith Campbell):

Impact: (No-CWH), No impact - KEC

Assessment:

External Connections (Charles Hollingsworth):

Impact: (No-CWH)

Assessment:

DVR Installations (Mark Roberson, Tammy Clark, Charles Hollingsworth):

Impact: *No*, (No-CWH)

Assessment:

Lab and Classroom Configurations (Joe Amador):

Impact: Yes/No No

Assessment: University currently has an enterprise license with AutoCAD and can be supported by their limited on-call service agreement with the support division of our local AutoDesk-certified reseller.

## 18. Physical Security Needs

NA

## 19. Post-Project Assessment Criteria

The hardware and software requested is to be used by students in classroom situations and, once in place and fully functional, will be assessed in a straightforward manner by measuring student enrollment and through administration of a student/faculty utilization survey at the end of each semester. After class lab usage will be measured and accounted for through GLA monitoring and sign-in/sign-out procedures for lab usage.

## 20. Review and Acknowledgements

To: University Student Technology Fee Committee  
From: Cheryl Goldsleger, Director, School of Art and Design  
Re: Tech Fee proposal for Interior Design  
Date: March 1, 2007

This proposal ranks third among six proposals submitted by the School of Art and Design.. This year, as we did last year, the School is making application for this funding through the tech fee process. The proposal supports the IDEAS lab in Interior Design established in 2005 The lab that was established through the fee needs further support. At present we do not have staff or access to IS&T staff to maintain and upgrade this lab. Fees requested will b used

to set up a contract through an AutoDesk certified reseller for maintenance and support. This lab is essential for our goal of achieving FIDER accreditation for this program. The viability of the area relies on this accreditation. The IDEAS Lab and its maintenance and upkeep and the other components of this request are integral to meeting these accreditation goals. I am hoping this funding will be approved and in so doing will move us closer to accreditation.