

GEORGIA STATE UNIVERSITY

FY 2008 Technology Fee Proposal

Submitting Organization:

Major Unit: College of Arts and Sciences

Department: Ernest G. Welch School of Art and Design

Contact Person: Junco Pollack, Nancy Floyd, Joan Tysinger

E-Mail : jpollack@gsu.edu, nancy@gsu.edu, jtysinger@gsu.edu

Telephone: Ext. 0498, Ext. 0491 Ext. 0487

1. Project Short Title

Industry Standard Hardware and Software Required by Art & Design's Textile Program
--

2. Total Requested

Fiscal Year 2008

\$301,192.00

3. Executive Summary

Project Description (three or four sentences)

This proposal requests hardware and software to insure that Art & Design's Textile Program has the necessary tools to prepare its students to meet the increasing digital demands of the textile industry. The equipment requested will be housed in the textile studio, 170 AH, adding long-needed digital instructional and student production and output capability to the facility. This equipment and software will support all Textile classes and, when available outside of scheduled class, will be available to any student enrolled in the School of Art and Design for producing work involving textile components.

4. Project Description

Digital technologies have impacted the textile industry and are overwhelmingly transforming the way textiles are designed, created and produced. Multimedia technology is altering the way textile disciplines must be taught. This proposal outlines design, production and output tools our Textile Program must have in order to adopt and fully integrate these digital technologies into its curriculum. Our intent is to develop a dedicated computer lab/classroom designed to meet the highly specialized needs of the Textile Program.

The hardware, software and peripherals itemized in this proposal will provide Art & Design's Textile Program with media appropriate digital tools to insure that its students are prepared to meet the demands of a contemporary textile industry, increasingly driven by technological innovation in design and production. Specifically we request:

- 14 in-classroom computers, 1 pc and 13 Macintosh, to accommodate programmatic requirements
- 14 seat license Textile specific and design softwares
- 2 printers meeting textile specific criteria
- Desks/computer tables

The computers requested include 1 Dell Dimension E520 XP Pentium System and 13 MacPro Towers. The Dell is required to operate the printer driver formulated for Sewgrass Hybrid Dye Sublimation Ink, a heat transfer ink printable on both polyester and cotton. The MacPro Intel system is required to run Pointcarreé, an industry standard textile design software. These computers will be networked with the Dell for print processing.

The Pointcarreé Jacquard Software is a necessary upgrade for our existing instructional software, JacqCAD, which operates only on Macintosh OS-9 and therefore difficult to support. The Adobe CS3 and Corel Draw software are basic design tools.

The Epson Stylus Pro 4800 printer is a medium sized wide-format printer that can handle textile inks and can be managed in the available space. Two printers are needed; one allocated for disperse dye printing only and the second for all other printing needs.

This hardware and software will be housed in the Textile Studio/classroom. The desks, cables and other peripherals are necessary to transform the studio facility into a usable working lab.

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

IS&T: IST08-042
Facilities: #14531-07

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.

Our textile program will remain vigorous and competitive if it responds creatively to the

influx of new media possibilities and absorbs the new media into its curriculum. With the dedicated lab outlined in this proposal, the textile program will be equipped to fully train students in contemporary textile design and production methods. This lab will give our students the digital tools they will need for creation, production, and dissemination of work in the textile medium.

[2] Technology free [sic.] revenues should be used to assure that there are sufficient campus licenses for primary productivity tools such as those found in the Microsoft Office product suites and for discipline specific software.

The proposal designates software to accommodate the Textile discipline. All license fees are included.

[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.

The equipment and software configuration requested is intended to create a dedicated Textiles Classroom/Computer Lab. The hardware and software configuration requested is applicable to textile disciplines as well as those art processes in which textiles can be involved. The proposal is intended to accommodate the academic and artistic development of our Textile students.

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

This proposal provides the digital resources needed to give our Textile students the expertise necessary to flourish in a industry and/or art world increasingly impacted by technology.

7. Relevance to Strategic Plan(s)

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

The Ernest G. Welch School of Art and Design intends to provide students with a comprehensive education in the techniques and methodologies of art within a fine and graphic arts and design context. Our intention is to forge links between traditional art practice and the new digital media and production methodologies. We constantly seek ways to effectively respond to and incorporate these into our educational programs. The Textile dedicated computer lab outlined in this proposal grows out of our commitment to give our Textile students the tools they will need to thrive in an art world and an industry increasingly dominated by digital design and production methodologies.

8. Impact on Students Served

This proposal is intended to provide all textile students with the textile specific digital resources they need. The resources listed will serve textile students not once but many times as they progress through their coursework. At present 210 textile undergraduate and 6 graduate students specifically will be served by the hardware and software requested. The following Textile classes will be supported by the inclusion of these digital tools:

Text 3000/3100/3200/4000/4100/4200/4300/4500/4890/4940/4950/4980/6050/8000/
8500/8999

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
Supplies (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.)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4				
	Item 5				
	Item 6				
	Item 7				
Equipment	Item 1				\$0.00
	Item 2, etc				
Software (Note: Include Vendor and Product Name.)	Item 1				\$0.00
	Item 2				
	Item 3, etc				
Maintenance or Contractual Services	Item 1				\$0.00
	Item 2, etc				
<i>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)</i>					
Construction Services (Requires review of Planning & Facilities)	Item 1				\$0.00
	Item 2				
	Item 3, etc				
Network Connections and Infrastructure Costs (Requires review of UCCS)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4, etc				
Physical Security (Note: Costs normally should not exceed 2.5% of Total Requested.)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4, etc				
Other Expenses (explain)	Item 1				\$0.00
	Item 2, etc				
<i>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)</i>					
Staff Salaries	Item 1				\$0.00
	Item 2, etc				
Fringe Benefits	Item 1				\$0.00
	Item 2, etc				
			Hours/wk	Hourly Rate	
Student Assistant Salaries	Item 1				\$0.00
	Item 2, etc				
Graduate Student Assistant Salaries	Item 1				\$0.00
	Item 2, etc				
TOTAL					\$0.00

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: At 75% funding we reduce the number of computers and software, limiting their use in classroom exercises and the number of textile students served in one sitting. However the classroom will still be adequately equipped to provide instruction in industry standard hardware and software. Students will still have access to and some in-class experience with the tools they need to develop skills and produce relevant work in the textile field.

Object of Expense	Itemized Descriptions		Quantity	Per unit price	Extended Total
Supplies (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.)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4				
	Item 5				
	Item 6				
	Item 7				
Equipment	Item 1				\$0.00
	Item 2, etc				
Software (Note: Include Vendor and Product Name.)	Item 1				\$0.00
	Item 2				
	Item 3, etc				
Maintenance or Contractual Services	Item 1				\$0.00
	Item 2, etc				
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)					
Construction Services (Requires review of Planning & Facilities)	Item 1				\$0.00
	Item 2				
	Item 3, etc				
Network Connections and Infrastructure Costs (Requires review of UCCS)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4, etc				
Physical Security (Note: Costs normally should not exceed 2.5% of Total Requested.)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4, etc				
Other Expenses (explain)	Item 1				\$0.00
	Item 2, etc				
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)					
Staff Salaries	Item 1				\$0.00
	Item 2, etc				
Fringe Benefits	Item 1				\$0.00
	Item 2, etc				
			Hours/wk	Hourly Rate	
Student Assistant Salaries	Item 1				\$0.00
	Item 2, etc				
Graduate Student Assistant Salaries	Item 1				\$0.00
	Item 2, etc				
TOTAL					\$0.00

Only 50% funded: At 50% funding we reduce the number of computers and software, restricting their use in the classroom to demonstrations and limited student exercises. Students will still be exposed to the tools and resources they are expected to use in the textile field. However access to these resources in and out of class will be severely limited – not adequate to support the program needs or encourage program growth.

Object of Expense	Itemized Descriptions		Quantity	Per unit price	Extended Total
Supplies (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.)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4				
	Item 5				
	Item 6				
	Item 7				
Equipment	Item 1				\$0.00
	Item 2, etc				
Software (Note: Include Vendor and Product Name.)	Item 1				\$0.00
	Item 2				
	Item 3, etc				
Maintenance or Contractual Services	Item 1				\$0.00
	Item 2, etc				
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)					
Construction Services (Requires review of Planning & Facilities)	Item 1				\$0.00
	Item 2				
	Item 3, etc				
Network Connections and Infrastructure Costs (Requires review of UCCS)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4, etc				
Physical Security (Note: Costs normally should not exceed 2.5% of Total Requested.)	Item 1				\$0.00
	Item 2				
	Item 3				
	Item 4, etc				
Other Expenses (explain)	Item 1				\$0.00
	Item 2, etc				
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)					
Staff Salaries	Item 1				\$0.00
	Item 2, etc				
Fringe Benefits	Item 1				\$0.00
	Item 2, etc				
			Hours/wk	Hourly Rate	
Student Assistant Salaries	Item 1				\$0.00
	Item 2, etc				
Graduate Student Assistant Salaries	Item 1				\$0.00
	Item 2, etc				
TOTAL					\$0.00

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

NA

16. Space Availability and Impact on Facilities

Facility modifications to the AH Textile Program Studio, Rm. #170 will upgrade the electrical panel serving this space to have the capability to provide new electrical outlets to support 11 new computer workstations in the Computer Lab portion of this space. Eleven new data drops will also be need to support the new computer workstations. The upgraded electrical panel will also allow for conversion of two existing duplet outlets to quad outlets, installation of three new quad outlets, installation of two retractable ceiling mounted electrical drops each with a quad outlet, and new suspended lighting fixtures in the Sewing Area of this room.

Estimated Project Budget:

Computer Lab Upgrade Rm. #170:

Estimated Design, Specifications, and Construction Costs: \$31,560.00

Sewing Area Upgrade:

Estimated Design, Specifications, and Construction costs: \$15,720.00

Estimated Total Design, Specifications, and Construction Costs: \$47,280.00

17. Impact on Computing/Networking/Information Security Infrastructure

Information Security Review (Tammy Clark):

Impact: Yes

Assessment: Ensure that AV and/or ISS Proventia desktop software is installed on all computers—contact security@gsu.edu for instructions.

Wireless and Network Ports Review (Mark Roberson):

Impact: /No

Assessment:

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-CWH), (MR-NO)

Assessment:

Lab and Classroom Configurations (Joe Amador):

Impact: Yes/No NO

Assessment: IS&T have negotiated bulk pricing packages for Dell Optiplex 745 which should be used for this project if funded.

18. Physical Security Needs

NA

19. Post-Project Assessment Criteria

The requested hardware and software are basic production tools for any Textile program and will be used constantly. Enrollment numbers in classes especially dependent on these tools will be collected to gauge project usefulness.

20. Review and Acknowledgements

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

This proposal ranks sixth among six proposals submitted by the School of Art and Design. The textile industry is moving increasingly toward more digitally based production. This proposal requests hardware and software that will support a lab in the textile area that will address the needs of textile students. I am hoping this funding will be approved in order to strengthen out textile program.