

2009 Student Technology Fee Proposal Form

Title of Project: New Digital Photography Technology

Department/Organization: **Art Department, CFPA**

Name(s) of Project Applicant(s)

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Principal Contact person:

Name **Garth Amundson**

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Amount Requested for project: **\$24,324.67**

Contribution by Requesting Organization: **Not Applicable**

Important note: Before completing this form, please read the Proposal Form Instructions located on the STF website:

<http://www.wvu.edu/stf/>

I. Project Abstract

Give an overview of existing environment, and summarize the items being requested. Include a brief explanation as to how the requested technology will improve student access to technological resources and/or enhance the *quality* of the student academic experiences through the use of technology and/or increase the *integration* of technology into the curriculum.

The photography facility serves the art department and the wider university in a number of capacities. Not only does it provide equipment and photography technology for the photography sequence of courses (290, 390, 391, 490 & summer workshops open to the entire extended community), it is also open to students who have a focused interest in photography or incorporating it into their course of study. For example, if a student is incorporating a documentary component into an environmental studies project, they could train in the lab, pay a small fee and use the facility to help actualize their project.

A growing number of non-art majors continue to utilize the facility. Taking advantage of the dark room, the scanning stations, as well as the Epson large format printer purchased with the assistance of a previous STF grant. This communal use of technology not only serves as technical support but creates a bridge between different departments on this campus.

Current philosophy within photography instruction is to integrate both traditional and digital technologies. Building off the existing equipment, the digital facilities have gradually been upgraded. However, as technology moves at an ever-increasing pace, the photography lab somewhat lags behind in this area. The

equipment requested in this grant would help fill the gaps and bring the facility closer to the goal of digital integration.

The digital cameras, computers, lenses, and scanners are a necessity in any contemporary academic studio environment. They will assist students in the production, design and output of photographic imagery for all students using the photography facility both in and outside of the classroom.

II. Relationship to STF Objectives and Impact upon existing Academic Programs

Describe your proposed project in detail. Tell us how it will provide positive benefits to specific courses or instructional programs.

1. From a **student perspective**:
 - a. How would this project provide additional student access to technological resources?
Having access to this technology will continue to enhance students' immediate skill-set by exposing them to current photographic practices. The new technology will provide access to mainstream digital photography for many students who cannot afford their own equipment. Because the equipment would be readily available, students' will expand their digital skills and broaden their use of new media.
 - b. How would this project broaden or enhance the quality of the student's academic experience through the proposed technology?
This equipment will further enable students to study digital construction, manipulation, and output of images. This technology will provide them with an additional medium to add to their visual vocabulary, will heighten their academic experience, and will give them a competitive edge after graduation.
 - c. How would this project integrate technology into coursework?
By further enhancing the digital imaging experience at all levels of photographic studies, students will be able to fuse both "traditional" photographic methods with more contemporary media.
2. From a **faculty perspective**, explain how this project will enhance your ability to help students meet their educational goals.
Many students' goals include pursuing professional careers in Photo Media. The industry demands that they be prepared in all aspects of digital and traditional media. Having exposure to this technology will help them realize their goals.

For students who are pursuing fine art applications, they will be introduced to the seamless combination of digital and traditional techniques.
3. Will other departments be involved with this project? If so, please describe.
This technology will serve the entire Art Department and University.
4. Has any part of this project previously been funded by STF?

No Yes (Please describe): **In 2006, our area received STF partial funding for upgrading the digital facilities.**

III. Utilization

1. Please list the anticipated number of times and duration per each use, per quarter, that the proposed technology will be used by students.

The equipment will be used by students enrolled in Art 290, 390, 391, 490, 494, and 300 and 400 level Independent Studies. On average, there are six sections of Art 290 offered every year, three sections of Art 390, one section of 391, numerous Independent Studies, and three sections of the 397 series each summer. Each class is comprised of an average of 18.5 students, with a total of approximately 300 students per year. Although class format may vary, two students would share a camera to complete a variety of digital projects each quarter. Each student would need 10-14 days with the camera. The iMac computers would be used to download images and prepare/correct them before printing on the Epson printer or using the images for other applications, such as websites, portfolios and presentations. Both systems would be used on a continuous basis throughout the quarter, during scheduled class time, and on the students' own time.

IV. Project Budget

This section of the proposal details the estimated cost of the project. Please include costs that will be covered by your department or another source, for ongoing costs such as personnel or operating expenses.

To assist you in preparing your budget, please consult with relevant campus support departments ATUS, Purchasing, Space Administration, etc.) For more information, see this page on our website: <http://www.wvu.edu/stf/instructions.shtml>

ATUS has developed standard configurations for desktop and laptop PCs and Macs. Your project is not limited by these standards, but these figures may be helpful. Standard configurations can be found on the Student Technology Fee website: <http://www.wvu.edu/stf/instructions.shtml>

Please complete all of the following sections (attach Excel spreadsheet for any additional details).

Item	Quantity	Item Cost	Total
Lens CBL Color Balance Lens - 110mm Large Disc	1	139.95	139.95
Canon EOS 5D Mark II Digital Camera (Camera Body)	6	2,699.95	2,699.95
Canon 24-105mm f/4L IS USM AF Lens	6	1,059.00	10,590.00
iMac, 20-inch, 2.4GHz Intel Core 2 Duo	4	1,700.00	6,800.00
Epson V700 Scanner	3	419.00	1,257
Epson Stylus Pro 7880	1	2,995	2,995
Colormunki Photo: Monitor, Printer and Projector	1	429.95	429.95
Shipping (estimate)	\$471.03		
TOTAL (estimate w/ shipping & tax)			\$24,324.67

Shipping (taxable)			
Tax (8.4%)			

We recognize your proposed budget as an estimate. Final funding for successful projects will be established after through technical review; some costs may need adjusting due to price changes. The STF Committee may impose special conditions may upon a project. See *Sections B.7 & B.9 of the STF Mission Statement* <http://www.wvu.edu/cms/WWU.STF/mission.html>

1. What funding is available from your department or other sources?
There is very limited funding available for equipment-dedicated monies. I have used some equipment budget line to develop some tech support but it is not nearly enough to support digital.
2. Could this project be divided into discrete elements that could be funded separately?
No **Yes** Please summarize and prioritize project segments with cost estimate for each segment.
This project is small and based solely on the acquisition of equipment, therefore it doesn't warrant segmentation for separate funding.
3. Are lab fees charged for any of the courses that will use this equipment?
No **Yes** If yes, please note: the total funding requested from the STF must reflect the amount collected from course fees for equipment replacement and/or equipment acquisition. All proposals asking for course fees will be reviewed by the Academic Budget Office.

V. Impact on Existing Resources

The proposal should address your project's potential impact on existing resources. Special attention should be given to impact on data transmission networks (e.g. sources accessed, networking equipment, etc.), and personnel (e.g. staffing, administrative support, faculty support, etc.).

Any proposal that includes the replacement of computers should specifically address the feasibility and cost effectiveness of upgrading the computers rather than replacing the computers.

1. Describe how existing equipment is used. Contrast this to projected use if your project was funded.
Currently Class Room Services are the stewards of our digital cameras. We would use the same policy with 10 EOS 5D Mark II digital cameras. This allows students across campus to use the equipment with the implication that during specific times the cameras will be reserved for specific projects.
2. Is similar equipment or technology available elsewhere on campus—such as the Student Technology Center, Classroom Services, Video Services, Western Libraries, a college lab? If so, please describe why the existing equipment doesn't meet the needs outlined in this proposal.

This proposal is intended to bring the Art Department Photography Lab up to par with technology at other locations on campus and other university Photography programs. The improved lab would provide an easily accessible learning environment for Studio Art and other WWU students where lab assistants, technical assistants, and professors will be readily available to answer questions and train them on the new equipment. The Epson printer is currently available to all students however we can only print matte, non-gloss papers. The additional printer will provide the opportunity to print both in gloss and in matte without losing ink and money in switching over the cartridges (approximately \$300 every time the ink is switched). There is similar equipment available in the Student Technology Center, however it is of much lesser quality and students are only entitled to a limited amount of prints per quarter, and do not learn about the color correction and printing process.

3. If this project involves the replacement of equipment:
- a. Describe the 'before and after' configuration changes. A spreadsheet reflecting these changes can be attached.
Not applicable
 - b. Describe the costs and benefits of replacing vs. upgrading (if applicable).
Not applicable

4. Will this equipment be available to students outside your department?
No Yes

5. If the proposed technology will be used by students outside your department, please describe how they would gain access, how the availability of the equipment will be publicized, the hours/week when the equipment will be available, and any costs that would apply.
On a case-by-case basis, for specific projects related to their course of study, i.e. Fairhaven thesis projects or Photojournalism/Communication majors and any other students who can justify use of the equipment as related to their course work.

6. Does this project involve the check-out of equipment to students?
No Yes If yes, please discuss whether or not the Student Technology Center could be assigned this task.
The equipment needs to be available to students for extended use, in classroom and out of classroom. Also, large groups of students must be able to work collaboratively and together as a class. The cameras will be available at Classroom Services.

6. Does the department have adequate operating funds to provide on-going maintenance and support?
No Yes Please describe.
We have an operating budget that will cover the expense of repairs and extended warranties can be purchased through ATUS classroom services using the same model as the 2006 STF.

7. Does the department have adequate personnel funds to provide on-going staff support for this project?

No Yes Please describe,
The Department has a part-time Instructional Technician who is trained to repair equipment and we will be responsible for sending equipment to outside agencies for repair and ATUS classroom services is also qualified to maintain and repair the cameras.

VI. Space and Site Information

This section addresses any space alteration or site preparation necessary for the proposed project. Site alterations include painting, holes in walls, security systems, carpeting, construction, lighting changes, or conversion of a lab or office

Special Note: If this project requires any site preparation, or if this project uses any space not currently under control of the department, a draft proposal must be submitted to Space Administration by **Friday, November 14, 2008**. Space Administration and Facilities Management will conduct a site survey and respond back to you with information concerning project feasibility, cost, and schedule. This information must be included in the final project proposal.

Proposals for projects that involve any site preparation will be considered only after the required site survey by Space Administration and Facilities Management has been completed.

1. Location for installation of equipment or technology.
Fine Arts Building, Room 202

2. Is site modification required?

No Yes Please describe. (Electrical, air, painting, lighting, security, network access, etc.)

3. Will this project use space not currently assigned to your department or area?

No Yes Please describe.

VII. Project Schedule

This section describes your overall implementation schedule. Project awards will be announced by the end of spring quarter. It is anticipated that projects would be substantially completed by the end of the calendar year. If there is any site preparation involved, please align your project schedule with the schedule provided by Space Administration and Facilities Management.

Funds would could be used for Summer & Fall '09 classes.

VIII. Constraints

This section should list any external or internal factors that could affect your project schedule, project objectives, or the project budget (e.g. if external approval is required for curricular changes, or if funding must be received by a certain date).

1. Please describe any constraints to this project.
There are no constraints to this project.

IX. External Funding

This section must be completed for any **projects over \$100,000**. For project budgets of this scale, the applicant should investigate opportunities for obtaining external funding for all or part of the proposed project.

1. Describe the external organization(s) able to provide funding in support of this project.

Not applicable.

2. Describe the funding cycle for these requests (submission dates, projected award dates).

Not applicable.

3. Indicate the amount of external funding that would be requested.

Not applicable.

4. In cases where joint funding is requested, what will happen if the STF award is made and the external grant is not awarded?

Not applicable.

5. Has a grant proposal already been submitted for all or part of the proposed STF project?

Not applicable.