STUDENT TECHNOLOGY FEE PROGRAM

2017 TECH INITIATIVES PROPOSAL SUMMARY SHEET

Student Applicants:
Complete “Project Title,” “Applicants” information, and “Submission Date” only (top section).

Project Title: Digital Equipment Integration in the Art and Art History Department

Department / Organization: Department of Art and Art History

Applicants (first applicant is considered primary contact):
Name: Lisa Turner Mail Stop: 9068 Email: Lisa.Turner@wwu.edu Phone: 3666
Name: Chris Vargas Mail Stop: 9068 Email: Chris.Vargas@wwu.edu Phone: 6634

STF Grant Request (from page 1 of 2017 proposal form: line 6) $20,264.97

Authorization for contribution resources (if applicable):

Submission Date: Wednesday March 29th, 2017

SUBMITTAL APPROVALS

**Project’s Strategic Priority by College / AS:**
For proposals originating from a college, the dean must review, sign, and strategically prioritize that batch of proposals. For proposals submitted by students, the AS Board follows a similar process.

AS President Required for all student proposals, which are submitted to Associated Students (AS) VP for Academic Affairs. Signifies that all student proposals have been prioritized by AS Board.

Department Chair Required for all proposals from a specific department. Signifies that the department can support the project as submitted.

College Dean or Unit Head Signifies that the College or organizational unit can support the program as described.

Space Administration Required for all proposals that require additional facilities or changes to existing facilities. Signifies that all space-related issues have been addressed.

Vice Provost for Information Technology/CIO Required for all proposals related to all-university services and all proposals not related to a specific discipline. Signifies that the technology support organizations and technical infrastructure can support the submitted project.
Project Title: Digital Equipment Integration in the Art and Art History Department

Department/Organization: Art and Art History

Project Applicant(s):
Principal Contact
Name Lisa Turner MS 9068 Email: Lisa.Turner@wwu.edu

Others
Name Chris Vargas MS 9068 Email: Chris.Vargas@wwu.edu

Amount Requested for Project
Proposed Budget:
1. Equipment total $ 20,264.97
2. Plus site preparation (not STF funded) + $ 0
3. Total Project Cost (spreadsheet total from part IV of this form, Total Project Budget) = $ 20,264.97
4. Less organization’s contribution − $ 0
5. Less site preparation − $ 0
6. STF Grant Request = $ 20,264.97

IMPORTANT NOTE

1. THE STF Committee will accept only complete proposals by the announced deadline. Every section (I–IX) and all items of this proposal format must be addressed.

I. Relationship to STF Objectives / Impact on Current Academic Programs

The STF Committee will use as its primary assessment criteria the three objectives—quality, access, and integration—defined in the STF mission (above). Given this criteria, describe your proposed project in detail.

1. Tell us—focusing on what the students would gain from the project—how the project would provide positive benefits to specific courses or instructional programs. Specifically, answer at least one of a, b, and c below:

a. How would this project broaden or enhance the quality of the student’s academic experience through the proposed technology?

The goal of this project is to begin to integrate technology alongside traditional art methods at all levels of a BA and BFA degree program. The Art Department would like
to provide a competitive setting that can prepare students with the necessary digital skills and knowledge so that students can cross the boundaries of conventional art practice. Currently there are very few art classes or art spaces within the Art Department at Western in which digital methods are being integrated into traditional studio courses (e.g. photography, and time based media). If successful with this proposal, faculty will be able to utilize new digital and silkscreen equipment within the Art Department to open up creative possibilities for the students, including but not limited to teaching the following art approaches/ mediums: digital printmaking, digital/traditional combination printmaking, photographic printmaking, screen-printing, digital photography, installation, mixed media works, fine art posters, wearable fiber art, pattern design, digital/traditional painting, ceramic screen decals, and collaborative artwork, etc. Faculty will provide instruction in digital image-making programs such as Photoshop, Illustrator, scanning software, and instruction on the usage of laser printers to create digital acetates for exposure to silkscreen and photographic printmaking processes. In the process students will be able to acquire a new skill set, broadening their visual vocabulary, and heightening their overall academic experience. This will also help to provide students with a competitive edge after graduation.

b. How would this project provide additional student access to technological resources?

This project will allow the Art Department to expand the technology offerings in the Time Based Art Lab (TBAL), making the Lab accessible to all students. Currently this room has 5 Mac computers and could be evolved to make it a multi-use space that supports all art areas. This is not a traditional classroom space and is primarily used by students outside of class time to support Time Based Art student projects. In consultation with my colleague Chris Vargas we would like to increase the offerings of this lab to include access to scanners, BW laser printers, and 5 more computers. Students will have 24-hour access to the equipment and a silkscreen pressure washer, which can be utilized in class, and outside of class time to meet the needs of their creative projects.

In addition to benefitting art students, the Department is working to integrate and adapt new technologies that will be attractive and beneficial to the entire University community, through workshops and equipment access. I can foresee the requested equipment directly benefitting students from Fairhaven, Design, English, and Industrial Design. The digital and silkscreen equipment can be accessed by all WWU students through the Art Department. Extra curricular workshops directed towards the WWU community and clubs, will be initiated by Art Department printmaking faculty and students. Photo screen-printing would be of interest to a number of clubs looking to create promotional materials. Students can also undergo a training session to obtain the necessary skills to be able to successfully utilize the equipment.

Currently the Art Department facilitates a screenprint project within a drawing, fibers and foundation class, though the current pressure washer (an essential piece of equipment) that is used to clean silkscreens, is a basic hardware store model and is not able to support constant use. I am proposing the purchase of a heavy duty pressure washer that will allow the printmaking, fibers, drawing and foundation studio areas to initiate more complex art assignments, or classes solely in this medium - this medium proves to be very popular with students.

c. How would this project increase integration of technology into coursework?
Courses that could immediately integrate digital equipment/technology into the curriculum are: Printmaking I, Etching, Relief Printmaking, Screenprint, Mixed Media on Paper, Fibers and Fabrics I, Surface Design, Experimental Drawing, Experimental Painting, Photography Alternative Process, Drawing I, Drawing II, and 2-Dimensional Art. Within a 2-Dimensional Art course, students could utilize digital image-making tools rather than just traditional media to learn about the principles and elements of design, and color theory. The new computers, scanners, and laser printers would provide much needed digital tools/support for the students to utilize.

New courses can also be developed: Combination Printmaking, and Silkscreen Printmaking on Fabric, etc. - these courses would expand the student’s skill base and artistic potential. With the addition of a greater emphasis on digital technology within traditional art classes there will be a greater range of course offerings that can support the new STEAM minor (Science, Technology, Engineering, Art and Math). Extended Education classes and collaborative projects that bring multiple studio classes and departments together will be realized to develop creative thinking, and create community at Western (e.g. a collaborative digital/silkscreen project with the English and/or Sociology departments).

Note: Initial classrooms with a full set of equipment will be used outside the art department to teach the full class how to use computer programs such as Photoshop and Illustrator. The proposed equipment purchased for the TBAL lab will then be utilized for the students to create their projects during class time and outside of class time.

Lastly, I (Lisa Turner) was hired in 2015 to teach Print and Digital methods within the Art department. There is little equipment for me to currently access to do just this, and therefore I have not been able to integrate any digital media within my printmaking or foundation classes. Next school year Chris Vargas and I will be redesigning the 2D Design class to provide the students with digital and traditional image-making experiences. Having this equipment will allow us to provide the students with a more meaningful experience.

2. Would other departments be involved with this project?

No ☐ Yes ☒ If yes, describe.

There is the potential for other departments and students to utilize the equipment.

3. Has any part of this project previously been funded by the Student Technology Fee?

No ☒ Yes ☐ If yes, describe.

4. Is the proposed project a pilot project?

No ☒ Yes ☐ If yes, describe.

II. Utilization
List the anticipated number of times and duration per each use—per quarter or per academic year—that students would use the proposed technology. The committee is looking for **total student hours** and **total number of unique students** who would use the technology in that time period. Explain how you arrived at this utilization.

The equipment will be used by students enrolled in the following classes: 2 Dimensional Art, Printmaking 1, Relief Printmaking, Screenprint, Experimental Drawing, Photography Alternative Process, Advanced Studio Seminar, Professional Practices Studio Artists, Drawing 1, and Drawing 2.

Each class is composed of 18 students, with a total of approximately 300 Art students per year. I anticipate 4-5 classes per quarter making use of this studio. Students would have access to this equipment in addition to their traditional studio areas. The equipment would be used on a continuous basis throughout the quarter, during scheduled class time, and on the student's own time including evenings and weekends.

The computers and scanners would be used to manipulate and manage images, prepare files for printing onto clear silkscreen acetates and large format printing. The computers can also be used for other digital applications, such as the creation of websites, portfolios, and digital presentations.

### III. Project Budget

This section details the estimated total cost of the project. Include costs that would be covered—by your department or another source—for ongoing costs such as personnel or operating expenses.

1. For assistance in preparing your budget, please consult with relevant campus support departments (Academic Technology & User Services, Budget Office, Purchasing, Space Administration, etc.).

2. For more information about these contacts and helpful tools/links: from the STF website home page ([http://www.wwu.edu/stf](http://www.wwu.edu/stf)), choose “STF Tech Initiatives” on sidebar, then section "II. Tech Initiatives Forms and Instructions."

Attach an Excel spreadsheet if you have additional details.

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<th>Item</th>
<th>Quantity</th>
<th>Item Cost</th>
<th>Total</th>
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<tr>
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</table>
Important Notes from the STF Committee:

- We recognize your proposed budget as an estimate. Final funding for successful projects will be established after thorough technical review; some costs may need adjusting due to price changes.

- We recommend that you include a 3 percent cushion to allow for price increases.

- We may impose special conditions on a proposal before approval. See STF Proposal Guidelines.

- Funding is not provided directly to departments for purchases. All purchasing is done via the Office of the VPIT/CIO and savings are retained in the Student Technology Fee fund.

3. What funding or contributions are available from your department or other sources?

   Note: "Contribution" is defined as a monetary contribution. A vendor discount, for example, is not considered a contribution.

   Unfortunately the Department of Art and Art History has limited resources due to budget cuts and is unable to contribute to the purchase of new equipment.

4. Could this project be divided into discrete elements that could be funded separately?

   Note: A "no" response to this question creates an "all or nothing" proposal. That is, if the STF Committee decides against funding your entire proposal, it will not consider any elements for partial funding. If elements could be funded separately, the applicant is responsible for prioritizing them before submitting the proposal.

   No ☐ Yes ☑ If yes, summarize and prioritize project elements with cost estimate for each.

The list of equipment is in order of need:

- Kranzle 2017 Professional 1600 PSA (Electric - Cold Water) Pressure Washer
- (5) Apple 27" iMac with Retina 5K Display (Late 2015) 4.0 GHz
- (2) HP LaserJet Pro M402dw Monochrome Laser Printer
- (5) Epson Perfection V600 Photo Film Photo Scanner
- Epson Expression 12000XL Graphic Arts Scanner

5. Are course or lab fees charged for any of the courses that will use this equipment?

   No ☐ Yes ☑ If yes, describe. Please note: The total funding requested from the Student Technology Fee must reflect the amount collected from course fees for equipment replacement and/or equipment acquisition.

   All studio classes that utilize the equipment will be charged a course fee. Course fees are used for materials which are utilized during the quarter in which they are collected. Collected course fees will be allotted for ink replacement of the laser printers and Adobe licenses. The Printmaking, Time based Arts and Foundations budgets will be used for repairs and equipment maintenance.
IV. Impact on Existing Resources

Your proposal must address the project’s potential impact on existing resources. Give special attention to the impact on data transmission networks (e.g., sources accessed, networking equipment, etc.), and personnel (e.g., staffing, administrative support, faculty support, etc.).

1. Describe how existing equipment is used. Contrast this to projected use if your project were funded.

Currently the computers in the Time based art lab are used by Time based media students only. If this proposal is successful the current and new equipment would be open to all students.

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?

No ☐ Yes ☒ If yes, describe why the existing equipment does not meet the needs outlined in this proposal.

While a number of resources are available on Western’s campus there is a need to have more digital equipment housed within the art building. When teaching art courses that combine digital and traditional art techniques (e.g. Printmaking 1, Photo Silkscreen, 2-Dimensional Art, etc.) it is more efficient for students to be able to create digital files within the art building and/or to be able to print out digital 8 1/2” x 11” acetates when needed without a wait time or having to run across campus. Having to go outside of the department prevent students from being productive and limits their full capabilities. It is extremely important for faculty to be able to provide digital and creative feedback to students while they are working on their digital files or creating digital acetates. It is not feasible for faculty members to manage their traditional studio areas such as the Printmaking studio and provide feedback to students working in digital labs outside of the art building.

Often times the foundations classroom that has a full set of computers is booked heavily for the foundation courses, and therefore can not be used for senior level studio classes. It also does not make sense to book the foundations/computer room when students are moving back and forth between studio classrooms - not all 18 students need to utilize the computers for the full class time, since they are also working on other elements of their projects (e.g. coating silkscreens, carving lino blocks, etc.). Purchasing 5 new computers to add to the existing Time Based Art Lab (TBAL) will be a sufficient start to support the integration of digital technology within existing studio classes. There are also no entry level scanners available for use within the art department, only high end film/photo scanners in the photography lab.

3. If this project involves the replacement of equipment, including computers:

a. Describe the “before and after” configuration changes. (A spreadsheet reflecting these changes may be attached.) Or, write “N/A.”

N/A

b. Describe the costs and benefits of replacing vs. upgrading. Or, write “N/A.”

N/A

4. Would this equipment be available to students outside of your department?

No ☐ Yes ☒ If the proposed technology would be used by students outside of your department,
describe how they would gain access, how equipment availability would be publicized, the hours/week when equipment would be available, and any costs that would apply.

Students outside the department would need to connect with Printmaking and Time-based faculty members, Art Department staff, or Instructional Technicians to be provided with the door code to be able to access the TBAL or silkscreen rooms / equipment at their leisure. An initial meeting would also ensure that the students understood how to properly use the equipment (e.g. scanners, pressure washer, etc.). There will also be instructional handouts posted on the walls for students to refer to. The hours of availability of the rooms/equipment will be posted on signs outside of the rooms. There will be a number of classes using the equipment throughout the week (e.g. approximately 6 hours a day Mon-Thurs when the equipment would be reserved for in class use), however on the evenings, Fridays, Saturdays, and Sundays the room would be available on a first come, first serve basis. Also during class time if the equipment is not being used students could ask for permission to use it, if it does not interfere with the classwork taking place. Students with after hour access to the Art building who are authorized the use of the equipment will have 24-hour access to the computers, scanners, laser printers, and silkscreen pressure washer (minus the time allotted for classes).

5. Does this project involve the check-out of equipment to students?
   
   No ☒ Yes ☐ If yes, discuss whether or not the Student Technology Center/ATUS Loan Pool could be assigned this task.

6. Does the department have adequate operating funds to provide ongoing maintenance and support?
   
   No ☐ Yes ☒ If yes, describe.
   
   The Printmaking, Time Based Art and Foundation areas will maintain the equipment with their operating budgets.

7. Does the department have adequate personnel funds to provide ongoing staff support for the project?
   
   No ☐ Yes ☒ If yes, describe.
   
   Nathan Cranston and Douglas Loewan, Instructional Technicians within the Art Department will support the equipment along with the Printmaking and Time Based Art faculty members.

V. 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 would require any site preparation, or if this project would use any space not currently under your department's control:


   b. Space Administration and Facilities Management will then conduct a site survey and respond to you by March 24, 2017 about project feasibility, cost, and schedule.
c. You must include the site survey response with your final proposal.

1. Location for installation of equipment or technology:

   Fine Arts Building:
   
   Computers, scanners, laser printers - room TBAL
   Silkscreen pressure washer - room 207A

2. Would site modification be required?

   ![Yes □]  ![No ☒]  
   If yes, describe the modifications (e.g., electrical, air, painting, lighting, security, network access, etc.).

   Security cords would be attached to all digital equipment to prevent theft.

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

   ![Yes □]  ![No ☒]  
   If yes, describe.

VI. Project Schedule

Describe your overall implementation schedule. (Remember that project awards are announced during spring quarter, and that projects are to be substantially completed by the end of the calendar year.) If any site preparation is involved (see section VI above), align your project schedule with the schedule provided by Space Administration and Facilities Management.

The equipment will be purchased and set-up as soon as possible upon hearing of the results of the application. Further testing of the equipment will occur during the spring and summer quarters. Setting up the new equipment will not be challenging as there is no significant site preparation needed.

VII. Constraints

List or describe any external or internal factors/constraints 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).

There are no constraints to this project.

VIII. Submitting the Proposal

1. Make sure your proposal does not exceed 12 pages (not including Tech Initiatives Summary Sheet).

2. Complete top portion of a 2017 Tech Initiatives Proposal Summary Sheet for the front of the proposal.

3. (for proposal submitters) Electronically submit Word versions only of the proposal and summary sheet for prioritizing:
   a. Students: Submit by March 30 to AS VP for Academic Affairs at asvp.academics@wwu.edu.
   b. Faculty and staff: Submit by internal due date, per your unit's process, which must be before proposal due date of April 3.
4. Submit prioritized proposals:

   a. *(student proposals)*
      AS VP for Academic Affairs: Ensure AS President approval and priority are on Summary Sheet, then email proposal (Word version only) and summary sheet (PDF version only) to diane.bateman@wwu.edu (the STF Committee secretary) no later than April 3.

   b. *(faculty and staff proposals)*
      College Dean/unit head: Ensure appropriate approvals and priority are on Summary Sheet, then email proposal (Word version only) and summary sheet (PDF version only) to diane.bateman@wwu.edu (the STF Committee secretary) no later than April 3.

   **Note:** Paper copies of proposals are no longer required; please do not send.