

UNIVERSITY OF LOUISIANA
AT LAFAYETTE

STEP Committee

Technology Fee Application

**“Technology Enhancement/Replacment for the
Department of Visual Arts and Marais Press”**

Title

Brian Kelly, Professor of Printmaking and Coca-Cola/BORSF Endowed
Professor
Department of Visual Arts

Name of Submitter

Signature of Dean or Administrative Head

REQUIRED

Title: "Technology Enhancement for the Department of Visual Arts and Marais Press"

Date: 1/14/17

Contact Person: Brian Kelly, Professor of Art and Coca-Cola/BORSF Endowed Professor

Phone Number: 482-5329

Email: bfk0900@louisiana.edu

ABSTRACT (250 words or less):

This request is to replace a broken 44" large format scanner located in the Department of Visual Arts. This scanner has been utilized within the printmaking curriculum and used by all the students, faculty in the department, and the students and faculty within the College of the Arts for the last 12 years.

Since the scanner has broken the department can no longer maintain a printmaking curriculum that incorporates traditional printing and computerized print applications; continue to provide the department with the ability to document/archive large scale student and faculty work and or research for departmental NASAD and SACS accreditation processes, and has handicapped students in both the development of research, completing assignments and post-graduate applications. The lack of a working 44" scanner has had a direct impact on special printmaking projects and collaborations with the department's Marais Press. *It is critical that this scanner* be replaced in order to continue to enrich the department and college, maintain student and faculty research while restoring the printmaking curriculum to allow for the use and teaching of current computer aided processes.

This request impacts the VIAR faculty, all 350 VIAR majors, students within all the VIAR courses and concentration areas, art education students in the College of Education, and the faculty and students in the School of Architecture and Design. In addition, during the last 12 years departments and centers across campus like the College of Sciences, the Center for Louisiana Studies and the University Art Museum have used this scanner to complete projects.

A). PURPOSE OF GRANT:

This proposal requests funds for the replacement of a broken 44" large format scanner located in the department's printmaking studio. Since this scanner has broken the printmaking curriculum has not been able to incorporate many computerized and photographic printing processes. Additionally, the replacement of the 44" scanner in the Department of Visual Arts printmaking imaging computer lab will allow the printmaking curriculum to maintain a printmaking classroom that incorporates traditional printing and computerized photographic pre-press applications; to continue to provide the Department with the ability to document/archive student and faculty work for departmental NASAD and SACS accreditations, to help student's in the development in classroom assignments and post-graduate applications, and to continue to allow print collaborations with Marais Press.

The Printmaking imaging lab is central to the production of both computer aided and hand printed graphics and the documentation of large-scale artworks for the teaching of the department's printmaking curriculum, faculty and student research development, as well as everyday fine art digital documentation and production. . This equipment replacement is needed in order to maintain current instruction, research, creative production, and the continued introduction of environmental non-toxic printmaking pre-press applications in both the printmaking studio and curriculum in the Department of Visual Arts at the University of Louisiana at Lafayette. If successful the software and equipment this proposal asks for will address the following objectives:

- (1) To continue to convert, remove, and replace obsolete processes and equipment and to expose students and faculty to current, up-to date printmaking technologies.
- (2) To continue to introduce into the printmaking studio, environmentally safe processes.
- (3) To be able to continue to maintain and expand a digital imaging studio within the printmaking area that will continue to impact all students and faculty across the Department of Visual Arts, the College of the Arts and University.
- (4) To cultivate students and faculty from all disciplines within the department of Visual Arts and College of the Arts into a synergized collaborative unit.
- (5) To contribute to both the students' and faculty's' professional development by providing them with:
 - a.) state of the art equipment for the documentation and development of research.
 - b.) a safe imaging and printmaking studio in which to carry out their research.
 - c.) a studio that encourages and provides both current graphic/printmaking practical and theoretical information.
- (6) To provide the College and Department of Visual Arts recruitment tools in the form of displays and student work.
- (7) To graduate students with a broader knowledge base as well as providing them with skills that bridge traditional studio practices with that of commercial work possibilities. Students will be able to:
 - a.) work with confidence and awareness while they broaden their understanding of the creative process and,
 - b.) develop and expand ideas through self-motivated exploration.

In addition, the hardware requested will enable the continued teaching of photo-based lithography, silkscreen, intaglio, relief, computer generated, and alternative prints in the Department of Visual Arts at UL Lafayette. This equipment replacement will continue to enhance and expand the printmaking area within the Visual Arts, allowing both students and department faculty to pursue creative expression. Further, the proposed equipment will provide the printmaking image lab a the ability to provide needed technology, allowing the curriculum the flexibility for multifaceted learning in Graphic Design, Photography, Painting, Printmaking, Drawing, Jewelry and Metalwork, Ceramics, Sculpture, Art Education, and throughout the College of the Arts.

A2). IMPACT ON THE STUDENT BODY:

Sophisticated equipment with current software, indicating state-of-the-art teaching and learning is extremely helpful in attracting highly qualified students. The ability to give students fine art based training with marketable skills in printing is extremely helpful in attracting students that otherwise may choose a different course of study based on misconception that studio art has no relevance in the commercial and industrial world. The Department's printmaking faculty and it's technology is a resouce for the Department of Visual Arts more then 420 students and provides them with assitance in the development of classroom assignments, the development of post-graduate applications and portfolios, provides them with access to traditional printing and computerized photographic pre-press applications, and also provides continued artist/student print collaborations with Marais Press.

The equipment that this request as for will impact all VIAR students, as well as those participating in VIAR 303, 304, 305, 309, 403, 409, and 410. These courses impact not only printmaking majors but also the students in the concentrations of Graphic Design, Photography, Painting, Drawing, Jewelry and Metalworking, Ceramics, Sculpture, Animation, Media Arts, special projects, Art Education majors in the Education Department, and those in the School of Architecture and Design - a total of 9 major concentrations within the Department of Visual Arts, one major in The College of Education and the students in the School of Architecture and Design. Each of these courses reaches a maximum enrollment each semester. In addition, during the last 12 years departments and centers across campus like the College of Sciences, the Center for Louisiana Studies and the University Art Museum have used this scanner to complete projects.

It is the Department of Visual Arts goal to offer students a unique and profound opportunity to learn, work and create within a special arena that connects the traditional printmaking studio with today's tools and technologies, in order to comprehend the full capabilities of each and complementing both within the process. This enhancement will be helpful in motivating students. The prospect of working in the visual arts and gaining skills that are marketable in industrial and commercial markets will attract many students, providing motivation to obtain a better all around education. The increased presence of new current state-of-the-art equipment and software in the classroom creates an atmosphere that is conducive for the development and improvement of classroom curriculum and teaching methods. The Department of Visual Arts has a long and consistent history of aspiring to the highest level of excellence in its traditional studio areas. When our students graduate they are equipped with the knowledge and the ability to function and compete in their individual fields. Consequently, our students have

secured postgraduate appointments throughout the United States, have attained teaching positions and have secured employment in their individual fields. The faculty in the Department of Visual Arts have emphasized excellence, maturity and vigor for interdisciplinary exchange within the curriculum. Consequently, the UL Lafayette Department of Visual Arts enjoys a relationship of flexibility in both our areas of concentration and the overall education it provides. This type of teaching environment is rare. Within this type of environment, new technologies are viewed enthusiastically and are embraced as viable components of the creative and teaching process.

This proposal will continue to enhance the printmaking curriculum, as well as the other curricula within the Department of Visual Arts by adding current hardware that enhances existing facilities the printmaking area will maintain its presence as a vital research facility and allow for the continued integration of traditional and photographic printing with that of digital assisted printmaking techniques. The requested equipment and will provide the opportunity for hands-on experiences with contemporary technologies allowing students to establish a competitive posture within their career arena and academic field. If successful, this proposal will allow the printmaking curriculum to continue to impact and graduate students across the College of the Arts and University with skills that cross over into multiple disciplines providing a variety of experiences in problem solving with a diversity of materials and processes. It will also provide students with a broad base of techniques with an understanding of the methodology for problem solving and build the positive self-esteem they need to function in the often multi-phased work environment.

Additionally, this request will allow the printmaking curriculum to the ability to impact a larger number of students in both the Department of Visual Arts, College of the Arts and University providing them the capability to meet goals. It will give students access to both the basic and cutting-edge technology in a safe, relevant and practical environment—with computerized photographic pre-press practices they will be better prepared for new directions in a dynamically changing world.

The printmaking studio is a resource within the Department of Visual Arts where many students from all concentrations unite and interact. This is also a facility where faculty and students are challenged to explore the possibility of cross discipline thinking. The equipment this proposal would provide will enhance that collaborative experience by providing students with the tools necessary for creative interaction across those disciplines. Collaborative experience provide students with the tools necessary for creative interaction across all the disciplines in the Department of Visual Arts and allow for the use and experimentation of new printmaking techniques and processes. This collaboration provides students with real-hands on experiences that are marketable in both the collaborative fine art and commercial printing environments. The printmaking program at UL Lafayette is the only program in the state of Louisiana that has committed itself to both the teaching and research of alternative printmaking techniques and the embracing of collaborative research exchange between the University and the printmaking and artistic communities. This relationship between the academic classroom and that of a professional printmaking press is unique.

B). LIFETIME OF ENHANCEMENT:

This proposal requests funds for the replacement of current large format scanning

hardware with the purchase of a Contex HD5450 PLUS Large Format 44" Sheet feed large format scanner for the printmaking-imaging lab located in the Department of Visual Arts. This includes the following hardware: 1 Contex HD5450 PLUS Large Format scanner manufactured by Contex Inc. that carries both full 3 year manufacturer onsite warranty and technology support. This hardware will allow for the continued teaching and production of computer aided and hand printed graphics for 10 years within the Department of Visual Arts. This lifespan is based on real observation of scanning equipment under the oversight of Professor Kelly in the Department of Visual Arts.

C). PERSONS RESPONSIBLE FOR IMPLEMENTATION, INSTALLATION, MAINTENANCE, OPERATION AND TRAINING:

The printmaking studio, room 301 and 303 Fletcher Hall in the Department of Visual Arts, will house the proposed equipment. The printmaking lab is 3,500 square feet and houses a computer/imaging print lab, printing presses, a darkroom, separate processing areas for intaglio, silkscreen, relief, digital and lithographic printing processes, and student workspace. This lab is secured and open 7 days a week. Brian Kelly, Professor of Art/Printmaking and Coca-Cola/BORSF Endowed Professor of Art coordinates both the Printmaking area and Marias Press, a collaborative printmaking facility within the College of the Arts that invites artists of regional and national stature to collaborate with printing students in the Department of Visual Arts in the production of editioned prints. Professor Kelly staffs and maintains the printmaking facilities and all the equipment located in the studio and computer-imaging lab. If this STEP proposal is successful, Professor Kelly will be responsible for the implementation, installation, maintenance, operation and training of all software, firmware and equipment.

Professor Kelly came to the University of Louisiana at Lafayette in 1999 taking over the printmaking program and it's curriculum. Since 1999, Professor Kelly has written and co-written successful grants to support teaching, research, and equipment in the printmaking area. These grants have totaled more then \$400,000.00. As a result, the printmaking concentration population has grown by 170% while the general enrollment in introduction courses has grown by 220%. In addition, Professor Kelly's research and curriculum development has focused on the integration and use of alternative and computer technologies coupled with that of traditional printmaking practices. As a result Professor Kelly has developed a unique printmaking curriculum and studio that has become a modal for other programs in the state of Louisiana and throughout the United States.

Professor Kelly's printmaking background includes, relief, screen printing, photographic screen printing, stone, waterless, plate and offset lithographic printmaking, engraving, etching, color viscosity printing, non-toxic printmaking applications, large format digital image input and output, and digital image making. Since 1999, Professor Kelly has presented his research on non-toxic, alternative, and lithographic printmaking applications and related computerized techniques in the form of lectures and workshops at the Universidad de las Americas, in Puebla, Mexico, GLATT/YMAGOS Atelier Arte, Ltda., Sao Paulo, Brazil, The New Orleans Contemporary Arts Center, Truman University, Boston University, Eastern New Mexico State University, East Texas College, Louisiana State University, Nicholls State University, McNeese State University, Southeastern Louisiana University, the College of the Sequoias, Murray State University, University of South Dakota and again at McNeese State University and

Nicholls State University. In addition, Professor Kelly’s lithographic prints—utilizing lithographic alternative and traditional techniques—have been exhibited in over 200 international, national and regional exhibitions. His work is in university and museum collections throughout the United States.

D). BUDGET:

1 Graphtec DT530 Large Format 36" Large Format Scanner.....**\$14,000.00**

Graphtec DT530 Large Format Scanner is needed for the replacement of current hardware to allow for the continued teaching traditional printing and computerized photographic pre-press applications, the documentation and archiving of student work for departmental NASAD and SACS accreditation, the production of student post-graduate applications, and to continue to provide print collaborations with Marais Press.

SUB TOTAL EQUIPMENT REQUEST - **\$14,000.00**

E). BUDGET PROPOSAL:

Length of Implementation	1 Semester	
Equipment		
a.) 1 - Graphtec DT530 scanner is needed to allow for the continued teaching traditional printing and computerized photographic pre-press applications and is necessary for the post production development, collection and direct input and translation of hand drawn graphics into the computer.		\$3,500.00
Software		\$00.00
Supplies		\$00.00
Maintenance		\$00.00
Personnel		\$00.00
Shipping		\$500.00
Total		\$4,000.00

F). PROJECT IMPLEMENTATION SCHEDULE and TIMELINE:

The requested hardware will be ordered, installed, tested and implemented into the printmaking studio and curriculum during the fall and spring semester of 2010.

September 2016	October 2016	November 2016	December 2016
<ul style="list-style-type: none">• STEP Proposal submitted	<ul style="list-style-type: none">• Begin the rewriting class assignments to reflect new equipment.• Equipment ordered and signing of bids.	<ul style="list-style-type: none">• Complete the rewriting of class assignments.• Equipment received, installed into printmaking imaging lab.	<ul style="list-style-type: none">• Begin testing the new equipment.• Equipment implemented into printmaking curriculum.

G). ADDITIONAL INFORMATION:

Promotion of Economic Development and Resources:

Educating students in the use of modern equipment is vital to Louisiana students who hope to compete nationally in the highly volatile media market. By graduating students who are experienced with the use of new technology, Louisiana can take a leadership role in the students’ preparation for employment opportunities. This proposal will also allow for continued collaborations between the Department of Visual Arts and Marais Press. Marais Press—coordinated by Brian Kelly, Professor of Printmaking and Coca-Cola/BORSF Endowed Professor in the Department of Visual Arts—is the only professional university housed printmaking press in Louisiana that invites prominent local, regional and national printmakers and artists to UL Lafayette to collaborate with students in both the printmaking and visual arts program in the use and experimentation of new printmaking techniques and processes that are developed within the UL Lafayette printmaking program. This collaboration produces the production of a completed printed edition or body of work and provides students with real hands-on experiences that are marketable in both the collaborative fine art and commercial printing environments. The Department of Visual Arts at UL Lafayette is setting the standard in its use of technology education. However, in order to maintain and advance this position, it needs to stay abreast with recurring investments in technology. UL Lafayette’s STEP grants represent a source that can provide Louisiana students with a decided advantage in the rapidly growing printing technologies. Part of the solution to Louisiana’s unemployment and economic development problems is a well-educated work force. Most importantly, is the college experience because it results in high overall adaptability and flexibility.

Through his experiences as a professor and guest lecturer/printmaker to the majority of the state’s printmaking programs, Professor Kelly has determined that the printmaking program at UL Lafayette is the only program in the state of Louisiana that has committed itself to both the teaching and research of alternative printmaking techniques and the embracing of collaborative research exchange between the University institution and the printmaking and artistic communities. This relationship between the academic classroom and that of a professional printmaking press is unique. Relationships

of this sort can be found only in a handful of universities in the United States—these include the University of New Mexico, University of South Dakota, University of Wisconsin, University of North Texas, Rutgers University, The University of Florida, The University of South Florida, and Washington University in Saint Louis. All other printmaking programs offered at 16 other Louisiana universities have yet to incorporate non-toxic, alternative and/or digital applications into their printmaking curricula or have begun to embrace collaboration and research exchange outside of the institution. The addition of the proposed equipment and software will continue to transform and expand the printmaking program and maintain its position as a state-of-the-art facility making it and the Department of Visual Arts a national model for print programs in curriculum, research, and collaborative exchange throughout the state of Louisiana, region and the United States.

This STEP proposal will continue to revolutionize UL Lafayette's student competitiveness at the national level by creating a holistic printing studio capable of a complete curriculum that continues to include the important areas of traditional reproduction printing coupled with related computer techniques and experiences that will continue to enhance their collaborative process. This will not only keep the UL Lafayette printmaking program on the national stage as a progressive program with state-of-the-art facilities, but will also continue to prepare and provide opportunities for undergraduate visual art majors to compete for better post graduate appointments and career opportunities. This student recognition will continue to have a positive effect upon the reputation of the printmaking program, the Department, the College, and ultimately the University on a state, national, and international level.

Impact on Faculty Development:

The increased presence and access to current state-of-the-art technology in the classroom creates an atmosphere that is conducive to the development and improvement of classroom curriculum and teaching methods. The Department of Visual Arts has a long and consistent history of aspiring to the highest level of excellence in its traditional studio areas. When our students graduate, they are equipped with the knowledge and the ability to function and compete in their individual fields. Consequently, our students have secured postgraduate appointments throughout the United States; have attained teaching positions and have secured employment in their individual fields. The Department's faculty has emphasized excellence, maturity and vigor for interdisciplinary exchange within the curriculum. Consequently, the UL Lafayette Department of Visual Arts enjoys a relationship of flexibility in both our areas of concentration and the overall education it provides. This type of teaching environment is rare. Within this type of environment, new technologies are viewed enthusiastically and are embraced as viable components of the creative and teaching process.

The equipment that this proposal will allow the printmaking studio to continue to act as a magnet for the recruitment and retention of faculty and provide an environment that fosters a multi-faceted teaching philosophy. The existence of a printmaking facility that is able to provide an environment for current research, creative production, and environmental alternative printmaking applications with a commitment to the embracing of collaborative research and exchange, allows faculty members the opportunity to continue and pursue research in an environment that integrates current technology with a continued emphasis on non-toxic and alternative printmaking approaches. This unique

union of technologies and collaboration has made the printmaking program at the University of Louisiana at Lafayette a leader in progressive print study, development and approaches in higher education; and has provided research resources for printmaking faculty within the state of Louisiana and the United States.

H). PREVIOUS STEP FUNDING:

Professor Kelly has received STEP grants impacting teaching resources in the Department of Visual Arts and the College of the Arts Visual Resource Center. All of these grants were implemented as proposed and were successful in reaching their intended goals.

DT530

36" Desktop Full-Color Scanner

GRAPHTEC

\$3,595

Mobile

Reliable

Affordable

**1 YEAR
ON-SITE
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Optional Scanner Supports Stand Available.

Product Info

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Solid and dependable, the Graphtec **DT530 36" Desktop Scanner** offers a compact, reliable and easy to use desktop scanning solution at a very affordable price. Scanning with an optical resolution of 600 DPI allows even complex and difficult-to-scan documents, such as CAD drawings, graphics, and mapping data to be scanned rapidly and with high precision. Moreover, the **DT530 Desktop Scanner** includes two of the most powerful software applications available at no additional charge.

- Scan Width: 36 inches Document
- Thickness: Max. 1.6 mm or less
- Resolution: Optical: 600dpi | Max: 9600dpi
- Speed: 3.3 ips Color & 10.0 ips BW @ 400dp
- Color Space: sRGB & Adobe RGB
- Scan System: CIS w/ LED Light Source
- Interface: USB 2.0
- Warranty: 1 Year On-Site

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