CAMPUS TECHNOLOGY SERVICES
TECHNOLOGY INITIATIVE PROJECT (TIP) GRANTS
INDIVIDUAL DEPARTMENT/PROGRAM PROPOSAL FOR 2012/2013 ACADEMIC YEAR
Submission Deadline: 11/26/2012

Department/Program requesting TIP funding: Art Department

Proposal Coordinator Cynthia Clabough

Individual Proposer Name Kelly Roe

Department Art Department
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Signature of Proposal Coordinator Cynthia Clabough

Abstract of TIP proposal (100 words):

Proposal seeks to compliment the printmaking and book arts area by bringing into the facility technologies that support new directions in printmaking. One part of our proposal seeks to continue to promote greener methods that reduce our overall impact on the environment. Another part of our proposal seeks to bring into the area recording equipment that would further support the shift in printmaking and book arts into areas of sequential imaging, motion, and e-publishing. The final part of our proposal seeks to contemporize older methods of letterpress printing, bringing the area into current practice. These changes will make our students better skilled for the workforce while also providing greater opportunity to provide online content to our students, faculty, and interested students. Expansion of this nature also brings greater opportunity for visiting artist and scholars eager to explore these technologies.

X	Yes		No	Matching funds available to support this proposal? If yes, please specify on a separate sheet.

Signature of Department Chair: Cynthia Clabough

Signature of Division Dean: [illegible]

Description and outline of request for TIP funding for 2012-2013 academic year. If proposal has several parts, please prioritize each part. Use additional sheets as needed:

PART 1 — GREENER METHODS—INKJET PRINTER & EXPOSURE UNIT

Moving towards greener, non-toxic methods is something the printmaking area has increasingly tried to do. Fresh from a summer workshop, area coordinator Kelly Roe has been training in the use of newer approaches that employ ink jet technology and new types of exposure units to produce plates in a more environmentally friendly. This method uses water-base processes rather than the highly toxic materials currently employed. This method requires a dedicated ink jet and computer, set-up and calibrated to work with exposure unit specifically for this process. The process can be used for relief, screen, lithographic, and letter-press printing.

PART 2 — VIDEO EXPLORATION

Once intrinsically connected to producing static multiples, printmaking and book arts have been expanding their boundaries to over-lap and encompass practices that have most recently been associated with broadcasting and cinema studies. With the arrival of e-publishing and digital technology, the use of video-based imagery has become incorporated into printmaking and book arts as can been seen routinely in highly competitive exhibitions across the country. While this equipment will be used primarily in the pursuit of creative endeavors, it will also allow the department to better document artist talks, faculty demonstrations, and departmental events.

PART 3 — IMAGESETTER—PLATEMAKER

Letterpress printing, once thought to be a thing of the past, has roared back to life in the past 15 years thanks to a growing market for specialty printing in note cards, invitations, packing, and wrapping paper. Across the country firms specializing in letterpress printing are growing at a time when other areas of printing are shrinking. Key to this development is the contemporizing of the production methods that allow for the use of newer technologies and materials that are less caustic. This platemaker is key to this new practice. Developed in our region by Boxcar Press (Syracuse), this platemaker eliminates the older method that required creating molds and using molten metal. Knowledge of using this device and being able to design for use of these types of plates for letterpress printing will provide our students in printmaking with a skill set unique among the four year colleges across the country.

Proposals must address academic initiatives that relate to instruction, student usage, improving student usage, and/or improving student learning through the use of technology. Proposals for new, innovative and/or trial initiatives will be given priority; however, equipment replacement and expansion of existing equipment or services will also be considered.

Student impact statement:
(Description of impact of requested hardware and/or software on students' access to computing technology, number of students affected, etc.)

Printmaking is an area that the department expects will continue to grow. It is an area that attracts students inside the department from both the studio art and graphic design majors. It also attracts students from outside the department, predominantly from the school of education. In addition to formal course offerings specific to printmaking and book arts, the facilities and this equipment will also support courses in graphic design, photography and illustration that have projects and components that utilize the printmaking facilities. Additionally, Tyler Hall houses individual student studios that are occupied year-round. Many of these students are among the power consumers of emerging technology. This make-up of consumers will ensure that the equipment will be used weekly, throughout the entire year.

The table below lists course enrollment numbers.

Course(s) Served	Faculty Teaching Course	Frequency of Offering: ES (Every Semester) EOS (Every Other Semester) Other (Less than every semester)	Number of Students enrolled in course(s) per year
Art 209 Typography	Roe/Haig	ES	50
Art 225 Intro to Printmaking	Roe/Pierce	ES	36
Art 312/412 Traditional Illustration	Benedict	ES	40
Art 313/413/513 Digital Illustration	Bartel/Clabough	ES + Summer	70
Art 312/412 Traditional Illustration	Benedict	ES	40
Art 324 Book Arts	Roe	EoS	36
Art 325 Intaglio Printing	Roe/Pierce	ES	4
Art 326 Screen Printing	DeMott	ES	32
Art 342 Experimental Photography	Jubin/McKinney	EOS	17
Art 396 2-D Experimental Imagery	Roe/DeMott/Pierce/Clabough/Haig	ES + Summer	20
Art 408 Commercial Graphic Design	Haynes/Roe	ES	30
Art 414/514 Adv. Problems in Graphic Design	Thompson/Clabough	ES	75
Art 419 Studio	Metzgar	ES	24
Art 425/525 Adv. Printmaking	Roe/DeMott	ES	10
Open Studio		ES + Summer	All of the above plus students in studio art classes

EQUIPMENT REQUESTED (rank highest priority first)
Whenever possible, please use the models and costs recommended by CTS:
http://www.oswego.edu/cts/services/administrative/computer_equipment.html

Manufacturer	Model	Units	Unit Cost	Cost
PART 1 — GREENER METHODS— INKJET PRINTER & EXPOSURE UNIT				
NuArc	26-1KS Exposure Unit	1	$3,675	$3,675
NuArc	Vaccum Pump	1	$460	$460
NuArc	26-1ks Exposure Unit Stand MPN: NSF3	1	$295	$295
NuArc	Light Shield Curtain MPN: NT43	1	$510	$510
NuArc	Replacement Lamp	1	$163	$163
Epson	Stylus Pro 3880 - large-format printer - color - ink-jet	1	$1,156	$1,156
Apple	21.5-inch: 2.9GHz iMac	1	$1,399	$1,399
Apple	Applecare Protection Plan	1	$119	$119
PART 2 — VIDEO EXPLORATION				
SONY	NEX-FS100UK Super 35mm Sensor Camcorder (with Lens)	1	$4,799	$4,799
Pearstone	VT2500B Video Tripod & Head with Universal Dolly Kit	1	$142	$142
PART 3 — IMAGESETTER— PLATEMAKER				
Mako Anderson & Vreeland	ECRM imagesetter Mako 36 14.1" (360 mm) wide.	1	$8,000 est.	$8,000* est.
Jet NA Graphics	Plate Processor	1	$9,282	$9,282
			Total Hardware Cost:	$30,000

*Pricing vary depending on availability

EQUIPMENT BEING REPLACED

Manufacturer	Model	Units	SUNY ID #
NONE—PROPOSAL REPRESENTS NEW EQUIPMENT			

SOFTWARE REQUESTED (rank highest priority first)

Manufacturer	Model	Units	Unit Cost	Cost
NONE REQUESTED—DEPARTMENT WILL BUY/PROVIDE SOFTWARE SUPPORT				
			Total Software Cost:	

Total Software Cost:	0
Total Hardware Cost:	$30,000
Total Requested:	$30,000

MATCHING FUNDS

The Art Department has committed funds to support this imitative. Below is a list of the items we will purchase if this project is funded

Manufacturer	Model	Units	Unit Cost	Cost
PART 1 — GREENER METHODS— INKJET PRINTER & EXPOSURE UNIT				
Takach Press Fine Art Printmaking Supplies	Aqua Tint Screen (20x24)	1	$149.00	$149.00
Takach Press Fine Art Printmaking Supplies	21 Step Scale	1	$10.45	$10.45
Adobe	Design Standard	1	$349.00	$349.00
PART 2 — VIDEO EXPLORATION				
Apple	21.5-inch: 2.9GHz iMac	1	$1,399.00	$1,399.00
Apple	Applecare Protection Plan	1	$119	$119
Apple	Final Cut Pro X	1	$299.00	$299.00
PART 3 — IMAGESETTER— PLATEMAKER				
	A3 Photopolymer Plates, 11 3/4x16 1/2 inches, 0.057 inch thick, 10 sheets	1	$404.68	$404.68
	A4 Photopolymer Plates, 8 1/4x11 3/4 inches, 0.057 inch thick, 10 sheets	1	$202.30	$202.30
			Total Hardware Cost:	$2,932.43