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: Technology

Proposal Coordinator Mark Hardy

Individual Proposer Name Mark Hardy, Mark Springston

Department Technology
Phone Number 312 5760
E-mail address Mark.Hardy@Oswego.edu

Signature of Proposal Coordinator

Abstract of TIP proposal (100 words):

This proposal is to update and improve the computing environment in one of our department specialized laboratories: *Communication Systems* currently housed in Wilber B5. This equipment will be placed in the new laboratory space in Park Hall when the facility reopens in Fall 2013. This laboratory supports existing courses and new courses developed to support our Technology Education undergraduate and graduate programs, our Technology Management undergraduate program, and our upcoming Technology Minor.

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

Signature of Department Chair:

Signature of Division Dean: Pamela Michael

Collaborating Departments/Programs: _____

Proposal Coordinator _____
Individual Proposer Name _____
Department _____
Phone Number _____
E-mail address _____
_____

Signature of Proposal Coordinator _____

Abstract of TIP proposal (100 words):

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

Signature of Department Chair: _____

Signature of Department Chair: _____

Signature of Department Chair: _____

Signature of Department Chair: _____

Signature of Department Chair: _____

Signature of Department Chair: _____

Signature of Division Dean: _____

Signature of Division Dean: _____

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:

Priority #1

A replacement of the 22 iMac computers in the *Communication Systems and Media Production Laboratory*, currently in B5 Wilber Hall (note that the computers will go in the laboratory in the renovated Park Hall), and upgrade to Adobe CS6 Master Collection—we are currently using Adobe CS5 Master Collection. The current computers will be 5 years old at the time of replacement. The new computers will be a significant improvement from 4 to 8 GB RAM (recommended for Adobe CS6), faster processor, better graphics card, a more vivid display, modern ports (SDXC and USB 3.0), and a wider display. A wider display will allow students more easily to work on multiple documents that need to be viewed side by side.

Students create authentic multimedia works having the additional software included in the Master Collection, such as Premiere Pro, After Effects, and Soundbooth. Because we are a teacher preparation program, some of our student teachers encounter this software when they student teach in high schools and even some middle schools. They feel more confident in their student teaching experience, if they have already obtained some skill using this needed multimedia software. In addition, our Oswego Technology Student Association members (student association for technology majors) compete against other universities in the Technology and Engineering Education Collegiate Association regional and national conferences. Many of the other universities also utilize this software.

A second monitor (Apple LED Cinema Display) is requested for the instructor station, which will help immensely to have something to reference that is not covered up by the software that is being demonstrated. This will also allow students to see the value of a 2nd monitor to increase efficiency with certain type productions.

Needed iMac Configuration:

27-inch: 2.9GHz

2.9GHz quad-core Intel Core i5
Turbo Boost up to 3.6GHz
8GB (two 4GB) memory
1TB hard drive
NVIDIA GeForce GTX 660M with 512MB

Available in December
Free Shipping
$1,799.00

Notes: The iMacs should fit in the current G2 computer hideaway tables if Apple releases a vesa mount adapter for this model. No current information is available, so this needs to be verified. These currently cost approximately 40 dollars. I would like the option to use the wireless mouse and keyboards included, instead of using wired ones that are locked down.

Courses Served

TEL 130 Computing Technology and Information Systems for Technology Careers; new course, projected enrollment: 60 students per academic year

TEL 363 Communications Systems, 60 students per academic year

TED 306 Methods for Teaching Technology Education, 80 students per academic year

TED 583 Digital Multimedia for Technology Teachers, 10-15 graduate students

Other Courses: Technology Education Graduate

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.)

This proposal affects all majors, minor, and graduate program in the Department of Technology. Computers and their usage are an integral part of our laboratory environments and our curriculum. Many of our students find careers instructing in and/or maintaining computer laboratories, so a high level of skill/comfort with software processes is very important. It is crucial for the education of our students that we keep up-to-date.

It is recommended that 10 are repurposed to the library 24-hour room. Students want and need access to this specialized software beyond classroom hours, and placing some of them in the 24-hour room would also serve other programs, such as Graphic Design and Communication Studies.

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
Apple	New 27 inch iMac	22	1799.00[1]	39,578.00
Apple Vesa Adapter	Unknown at this time	22	40.00	880.00
Apple Display	LED Cinema (27" flat panel)	1	999.00	999.00
			Total Hardware Cost:	41457.00

EQUIPMENT BEING REPLACED

Manufacturer	Model	Units	SUNY ID #
Apple	20.5 inch iMac	22	23018470 (and below)
			23018477
			23018471
			23018474
			23018495
			23018472
			23018479
			23018473
			23019210
			23018461

[1] Volume pricing may be less.

			23018478
			230198469
			23018467
			23018467
			23018476
			23018468
			23018466
			23018476
			23018462
			23018460
			23018463
			23018475

SOFTWARE REQUESTED (rank highest priority first)

Manufacturer	Model	Units	Unit Cost	Cost
Adobe	CS6 Master Collection	23[2]	490.00[3]	11,270.00
			Total Software Cost:	11270.00

[2] 1 copy is for the instructor's faculty MacBook Pro to practice demonstrations and create multimedia tutorials for the students to learn with.
[3] Pricing amount is from Mike Pisa.

Total Software Cost:	11270.00
Total Hardware Cost:	41457.00
Total Requested:	$52727.00