

## **Section A:**

**Name of Requestor:** Dr. Chuck Robertson & Dr. Steven Lloyd

**Date of Request:** 1/24/08

**Semester of Implementation:** Spring 2008

**Project Title:** Updating a Mobile Mac Computing Cart

**1. Description of Request:** *As precisely and completely as possible, indicate exactly what you are requesting, i.e. computers, printers, scanners, other forms of hardware, or software. Include the cost of each item, required specs and other supporting details. Indicate whether the request is for new equipment/software or to upgrade existing equipment/software.*

We propose upgrading the Operating System (to OS X v10.5 Leopard) and the installing iLife 08 for 36 Macintosh iBook laptop computers. The purchase of OS X Leopard (\$51) and iLife (\$22) for 36 computers totals \$2628.00 (price reflects quote from Ms. Michele Barton in IIT).

This proposal is to support an existing Mac iBook mobile computing cart housed in and managed by the faculty in the Department of Psychology. The 36 iBook Macintosh laptops have been in use by the department for 2 years. In this time, the computers have been used to support numerous courses as well as student and faculty research projects. The computers are used extensively by students in Psyc 3070 (Statistics for the Behavioral Sciences) where they learn to use SPSS (Statistical Package for the Social Sciences) to analyze and interpret data. The computers are used extensively by students in Psyc 3080 (Research Methods for the Social Sciences) and Soci 3020 (Sociological Research Methods) where students learn to design and conduct primary research. The computers are often used to run experiments in the newly constructed Psychology Laboratory as well as to analyze and interpret the generated experimental data. Finally, several Psychology faculty members are currently using the computers for sponsored, student-led research projects. Many of the student and faculty research projects require technology that is supported by iLife 08 (including research and service projects on podcasting, screencasting tutorial development, memory span, recycling education, The Community Helping Place e-bay project, etc.).

Although housed in the Psychology Department, many students from other departments have used and are encouraged to use this cart (e.g., these computers have been used by Dr. Stavick in Honors English to create course-related podcasts). A system is in place to provide students with legitimate requests access to and/or temporary use of these computers. Several students have been able to check out these computers to complete course-related projects. Similarly, other faculty have used and are encouraged to use this computer cart to support their courses. A system is in place to check out the cart for course-related purposes (the schedule is accessible via a public Google Calendar and an additional Google document provides instructions and contact information). A number of courses in a variety of departments use the computers for occasional in-class exercises or projects.

These computers are well maintained. Each semester, one Psychology student is tasked with maintaining the computer cart. These students maintain records on defects and warranties and submit computers for necessary maintenance. They maintain all software updates, clear unnecessary files and provide other routine maintenance as well as tracking computers that have been checked out for student and faculty/student research.

As you can see, the proposed software upgrades are a way of maintaining a well used resource.

**2. How will the requested technology support the education of NGCSU students?**

A large number of students currently use this resource. The proposed updates will support and extend the educational benefits that these computers afford. For example, many students will continue to benefit from the access to computers to design and run experiment as well as to analyze and interpret their results. Many students will continue to benefit from the access to the technology necessary to develop educational, service-related and research materials. These computers provide much needed hands-on experiences that are vital for training in the Social and Behavioral Sciences.

**3. Indicate who will have use of the requested technology and the approximate number of students involved.**

As mentioned above, these computers are available for use by the NGCSU community to support course-related goals. The number of students who will use these computers outside of the Department of Psychology, Sociology and Community Counseling is unknown, although this resource is available to them and has been utilized by the Departments of English, Computer Science, and Education in the recent past.

Approximately 100 students in Psyc 3070, 50 students in Psyc 3080, and 50 students in Soci 3020 per year will use these computers as a **significant** part of their course work. A number of Psychology students (~20) are currently using these computers for faculty-supported research and service projects. Many of these projects require the use of iLife products. Approximately 200 students will use these computers for occasional class demonstrations or projects (e.g., podcast development, social bookmarking projects, learning theory demonstrations, neuronal physiology simulations, implicit stereotype demonstrations, virtual human brain dissections, senior honors theses, independent studies, CogLab on-line experiments, etc.).

**Signature of Requestor:** \_\_\_\_\_

**Date:** \_\_\_\_\_

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**Date:** \_\_\_\_\_

## **Section B:**

If the requested technology will be housed in a particular department or program, the department head or program director must complete and sign this section.

***What are your projections of the annual cost of maintenance and supplies? (i.e. Lab assistants, paper and toner, software licensing, etc.)***

Not applicable.

***How will you allocate the necessary funds for maintenance and supplies?***

Not applicable.

***What security procedures will be implemented for this technology?***

The computer cart is currently housed in a dedicated, locked room in Dunlap Hall. Faculty in the Department of Psychology, Sociology and Community Counseling have keyed access to this room. Other faculty and students can obtain a numbered code to access this room. All usage of the computers is tracked.

**Department:** Psychology, Sociology and Community Counseling

**Head/Director signature:** \_\_\_\_\_

**Date:** 1/23/08

**Submissions must be received in at least electronic form by midnight, Friday, January 25, 2008 for consideration in this round of requests. The Student Technology Fee Committee will meet on Monday, January 28, 2008 from 3-5 pm, in the bottom floor Library Seminar room. If you submit a funding request, you may be asked to attend the meeting, as a guest, to answer questions regarding your request. If you have questions, contact: Carol Huczek, Administrative Assistant to the CIO, [chuczek@ngcsu.edu](mailto:chuczek@ngcsu.edu), 706-864-1814.**