

## **Section A:**

Name of Requestor: Richard M. Prior

Date of Request: January 24, 2008

Semester of Implementation: Spring 2008

Project Title: Computers for the Physics Student Study Room

**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.

The Physics Department has developed and furnished a Study Room (Rogers Hall 115) that is used by physics majors and other students in both upper and lower level physics and engineering classes. Other students who take classes (e.g., Psychology, Criminal Justice, etc) on the first floor of Rogers Hall also use the Study Room, The students using the Study Room typically make extensive use of its computers. The Department has used year-end funds to obtain a total of 7 computers in the room (4 new Optiplex 745 PCs, 1 Mac and 2 old Optiplex GX260 PCs) and has recently obtained a network printer for the room. We need 3 additional PCs to finished equipping the Study Room, and we also would like to replace the two old PCs.

The cost for the requested computers was obtained from Michele Barton of IIT:

5 Dell Computers w/Flat Panel Monitors: Dell Optiplex GX740 Small Form Factor  
AMD ATHLON 64X2/2.2GHZ/1GB RAM/80GB HD/8x DVD+/-RW/Internal Speaker/17in Ultrasharp Flat Panel  
@ \$933.87 each.

**Total Request: \$4,669.35**

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

The Physics Study Room is used extensively by physics majors and other students. The physics, engineering, math and computer science courses taken by these students often require use of computers. Having computers available to the students near the professors and the labs and classrooms enhances their educational experience.

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

All users of the Physics Student Study Room will use the computers. This includes physics majors as well as other students in our courses (physics and geography students all use this room and its computers). The number of persons using the room is typically 5-15 students at most hours between 8:30 am and 10 pm. There are currently 80 individual students enrolled (corrected for multiple course enrollments) in physics and engineering classes at the 2000 level and above. In addition to these students, there are many other students who take classes (e.g., Psychology, Criminal Justice, etc) on the first floor of Rogers Hall. Some of them also use the computers in the Physics Study Room.

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

Date: 1/24/08

**Section B:**

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

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

The software on the computers will be programs currently under campus site licenses (e.g., Microsoft Office and the Vernier Software programs used in the labs). There are no lab assistants assigned to this room, but departmentally funded tutors and lab assistants are frequently in the room and will help oversee the computer use.

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

N/A

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

Access will be limited to NGCSU students, faculty and staff who have access to the campus network. Additionally, the computers will be locked to the tables in the room.

**Department:** Physics

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

**Date:** 1/24/08