

# **Initiative Report for Adv Tech 2009-10**

## **Electronics - Computers and Ethernet ports**

### **Summary:**

Most of our lab computers in 15/203 are Pentium 2 or less and do not have internet connections. The lab computers need replaced and connected to the internet for students to be able to access Moodle, online classes, and access to the internet.

### **Description**

Computers do not have internet connections. Approval of this proposal will provide 25 computer stations and Ethernet ports to this lab. The desire is to connect lab computers to the internet for students to be able to access Moodle, online classes, access the internet.

### **Questions and Answers**

**How is the initiative linked to the Unit Plans most recently submitted?**

- 1. How does it continue the achievement of those goals?**
- 2. If this is a continuation of an initiative started last year, make sure that relationship is clear.**

**How is this initiative linked to the efficiencies and productivities plans you had last year?**

- 1. How does it continue the achievement of these plans?**
- 2. If this is a continuation of an efficiency or productivity plan started last year, make sure that relationship is clear.**

This initiative was submitted last year, FY 08-09, and not funded.

### **Describe the resources needed:**

#### **Computer Hardware**

\*25 PC stations including CPU's and monitors (\$1,500 each)

\*25 Ethernet port stations (\$200 each)

**Request:** Computer Hardware (CH) \$42,500

**What specific measurable program outcomes do you expect to achieve with this initiative? The outcomes should be specific enough to be measurable. Also, outline the method that will be used to determine the results.**

Ethernet access will allow direct on line research to complete real world assignments such as finding software drivers or component data sheets. The computers that are in the lab were intercepted as they were going to surplus property because of the age and condition. The Electronics program has been using these machines. Full functioning computers would enhance student learning and ability to access permanent information.

**Department Priority:**

16

**Unit Resources:**

There is no funding available from the division.

**Funding Request: Carl Perkins**

**Funding Request: Curriculum Development**

**Funding Request: Technology Fee**

**1. Category of request**

- **Maintain existing technology**
- **Increase student access to technology**
- **New technology**

**Please type in the category of the request in the field below.**

Maintain existing technology, Increase student access to technology, New technology

**2. Campus location**

- **Main Campus**
- **Downtown Center**
- **Florence**
- **Cottage Grove**
- **CLC (list specific locations)**

**Please type in the location of the request in the field below.**

Main Campus

**3. Names of the person(s) with more information (if needed):**

Doug Weiss ext. 5890

**4a. Budget ORGN**

611705

**4b. Budget PROG**

112000

**5.How many students will benefit per year?**

210

**6. Describe the benefit?**

Every student in several of our program will benefit from the modernization of this lab. This includes Electronic Technology students, Manufacturing Plant Electricians, Heating Ventilation and Air Conditioning technicians, Limited Maintenance Electricians. In addition, some benefit may be seen by the Independent Electrical Contractors and Limited Energy Electrician programs.

This proposal is consistent with TACTs resource decision criteria:  
enhance staff efficiency and effectiveness  
maximize student access to technology

The existing computers have been recovered from purchasing. This lab has never been directly funded for computers from any source. Our students are still saving programs on floppy disks with our current computers. The programs that use this lab are technology based and as the equipment we use became more modern, the PCs we use need to be up to date as well. With the addition of Ethernet ports, we will be able to make a huge leap with the incorporation of Ethernet technologies to our programs giving the students the ability to access online class material, Moodle, and data on the internet needed for students.

**COMPUTER HARDWARE \$**

42500

**COMPUTER SOFTWARE \$**

**STAFFING \$**

**INSTALLATION \$**

**LICENSING \$**

**Can this initiative be partially funded?**

No

**COMPUTER HARDWARE \$**

**(CH) Explanation of effect of partial funding:**

**COMPUTER SOFTWARE \$**

**(CS) Explanation of effect of partial funding:**

**STAFFING \$**

**(S) Explanation of effect of partial funding:**

**INSTALLATION \$**

**(I) Explanation of effect of partial funding:**

**LICENSING \$**

**(L) Explanation of effect of partial funding:**