# Unit Plan: Equipment Requests [Acct. Category 6000]

**Unit:** Electronic Systems Technology  
**Division or Area to Which You Report:** Applied Technology and Business  
**Author(s) of this Unit Plan:** Wayne Phillips  
**Date:** March, 2008  

**Audience:** Budget, Deans  
**Purpose:** To be read and responded to by Budget Committee.  
**Instructions:** Please fill in the following as needed. Text boxes below will expand as you type. Please note: this form is for equipment whose unit cost is over $200

**Brief Title of Request (Project Name):** Electronic Systems Technology lab equipment  

**Building/ Location:** 1600 / 1616 (Electronics Lab)  

**Request Amount (include unit cost, total cost, tax, and shipping):**  
- $6,000 for 2008-2009  
- $24,000 for 2009-2010  
- $12,000 for 2010-2011

**Description of the specific equipment or materials requested:**  
- $6,000 (2008-2009) for evaluation units and demonstration lab station for Electronics Systems Technology program. Where practical, specific units will follow specifications from the “A New Electronics Curriculum for the 21st Century” NSF-funded program (also referred to as “Electronics 2010”).  
- $24,000 (2009-2010) for 8 lab stations for student use  
- $12,000 (2010-2011) for supplemental 2nd-year lab equipment

**What educational programs or institutional purposes does this equipment support?**  
Direct support for Electronics Systems Technology lab courses
Briefly describe how your request relates specifically to the Educational Master Plan and the Goals and objectives Section of your Unit Plan (Part II, Section 2)?

The new program mandated by the Program Revitalization plan involves new lab activities, and new lab equipment is needed to support these activities.

Why is this equipment necessary?

- [x] Immediate health, safety, or security issues
- [x] Replaces deteriorated equipment or facilities
- [x] Increases enrollment
- [ ] Shows cost advantage due to rising prices
- [ ] Prevents further deterioration of facilities
- [ ] Provides visibility for the Bond Program

Briefly describe how the above criteria are satisfied:

New lab equipment keeps the student lab experience relevant to the workforce applications.

What is the consequence of not funding the equipment?

Limited and less relevant lab experiences for the students, leading ultimately to less preparation for entering the workforce and declining enrollment.

What alternative approaches have been considered to meet programmatic demands for this equipment?

Teaming with “Electronics 2010” to receive evaluation units for lab course prototype deployment.

How many students will be impacted by the purchase of this equipment? 24/yr for 2009-2011

Do students use this equipment? [x] yes [ ] no

Is this equipment a replacement? [x] yes [ ] no
Staffing requirements for new equipment (number of staff, are they available, training, etc.):

Will training be required? __x__ yes _____ no

At whose cost?

Most training for lab instructors will be provided through the Electronics 2010 program.

What are the estimated ongoing costs (for maintenance, etc.)? $1,000/yr for equipment repair/ replacement and lab consumables and tooling.

Are there potential utility costs/ savings? no

Is this request CTE (Career Technical Education) Eligible? ___ X___ yes ______ no