

**Facilities  
NEEDS ASSESSMENT APPLICATION**

Facilities: Programs should list no more than three facility or renovation items. Identify the area in need of physical renovation, maintenance and/or repair. Requests for additional space should also be listed here. *Requests listed in this category will be forwarded to the Facilities Committee to evaluate through their own processes.* Provide a thorough rationale, **using data to support your request**, in order to help the Facilities Committee with their evaluation. List the approximate cost of your request.

Name of Person Submitting Request:	<b>Richard Jaramillo</b>
Program or Service Area:	<b>Automotive Technology</b>
Division:	<b>Applied Technology Transportation and Culinary Arts</b>
Date of Last Program Efficacy:	<b>2008</b>
What rating was given?	<b>Continuation</b>
Strategic Initiatives Addressed:	6.1.1, 6.1.3, and 2.1.1

**1. Renovation Request**

The Auto and other Applied Technology Departments request a centrally located and installed air compressor. The attic of the Technical Building houses a central, stationary, air compressor that is over 25 years old. It has been breaking down periodically. This compressor is connected to Auto repair, Auto Collision, Electrical/Robotics, Machine Technology, Welding Lab in T121, and Aeronautics department labs. The newly moved HVAC/Refrigeration lab should also be connected to the central compressor. These departments could not operate their equipment without the use of the compressor. It is continuously on when students are in the labs. It is more economical to replace it with two new, more energy efficient compressors than to continue to fix it. By buying two, somewhat smaller compressors, reliability and efficiency will increase. Even if one compressor breaks down, we will have at least one operational. One compressor will be operational when only one or two departments are using it and another one will activate when all departments simultaneously need to use the compressors. A dryer needs to be connected to the compressor so that the pressurized air from the compressor does not emit droplets of water when used. This request supports the campus wide strategic initiatives of student success and institutional effectiveness.

Approximate Cost: \$40,000 for installation and purchase of two air compressors including air dryer

**2. Renovation Request**

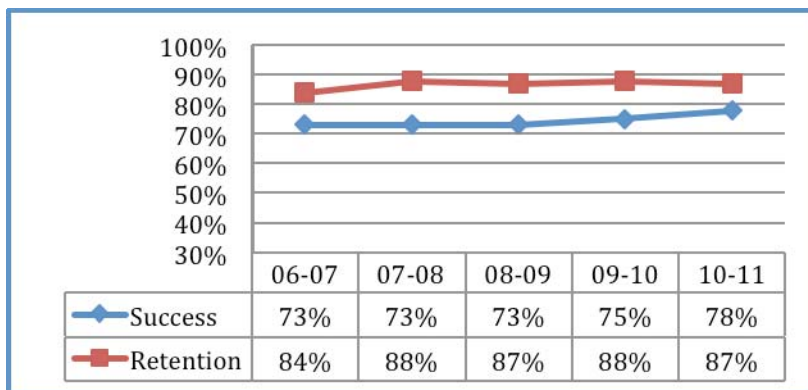
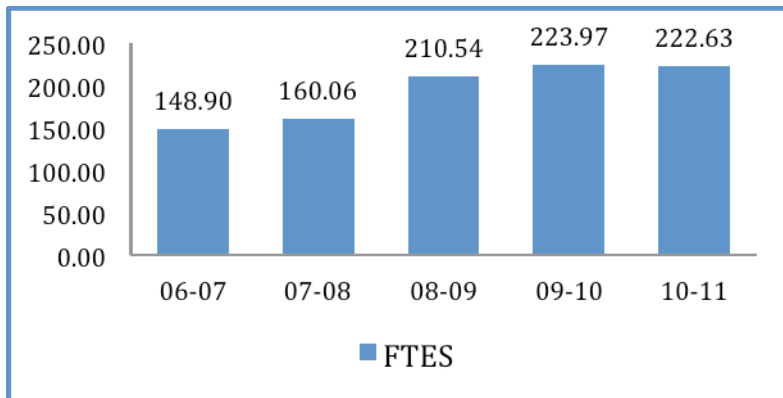
For most of the school year the Automotive lab temperature runs about 95 degrees and in some cases over a 100 degrees. The Auto shop areas need to have Air Conditioning or ventilation system installed in the lab areas to help bring down the temperature so the students may complete their lab task. The Technical Building is the oldest standing instructional building in the campus that has not had any renovation or upgrade done. This is long outstanding problem

that affects student learning and morale. This request supports strategic initiative of campus culture and climate.

Approximate Cost: \$5,000

### 3. Renovation Request

Approximate Cost:



Needs Assessment Applications due to Committee by midnight on 9/28/12. Late requests not accepted.