

meant to prepare and assess students preparation for transitioning into the industry or transferring to a professional degree, it provides a method to gauge their abilities and our results.

Start:

7/1/2020

End:

6/30/2021

New Program Resources Item

Program/Unit:

Design

Facilities Improvements:

This is a difficult question to answer in the midst of the pandemic which has closed our facilities and severely curtailed their use. Although demand for space has been stalled we anticipate that the need will resume in starting up in the Fall of 2021. The Maker Lab will continue to be the hub of our department once we return, successfully creating a community of learners and fostering engagement with the program, the faculty and staff. The current state of the lab has its limitations which if improved upon would allow more students access to its services. Currently the lab only has six CAD workstations which limits the opportunity for many to work on their CAD projects. Storage space is also in short supply. More workstations could be accommodated if valuable desk space wasn't taken up by equipment, tools, and supplies. Extra space for both storage and equipment use both inside and outside would allow for safer operations and enhanced production. The outdoor area just outside of the Maker Lab also needs to be further developed to better facilitate our many outdoor construction activities and build projects.

Optimize Program Performance:

The proposed facilities improvements would optimize performance in the following ways:

- accommodate more students in the lab who need to work on CAD workstations (currently only 6 can work on computers simultaneously)
- provide a less hazardous working environment
- allow more space for the addition of other important maker equipment
- raise the quality of service to the students

Impacts on Processes and Procedures:

The proposed additional equipment and space will have little impact on internal processes and procedures.

Correlation to Program Efficiencies:

The proposed facilities improvements will expand the quality and quantity of our performance. The scope of expansion would not require any additional staff. The improvements would enhance the student experience with the Design program and should contribute to an increase in satisfaction, reputation, and ultimately enrollment.

Supplies, Software and Equipment:

Since the last program review we have received a water cutter tool through Perkins funding. We were also supposed to have received upgraded computers for our lab but they have not been installed since the college bought them over one year ago.

The following supplies and equipment are needed to increase the number of students served by the Maker Lab and broaden their making capabilities:

- four additional high end computer workstations
- four desks or table space to accommodate the additional computers
- a large format laser cutter
- update all existing six year old computers to current standards (new computers were purchased over 1 yr ago but we are still waiting for them to be installed)

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New Program Personnel Item

Program/Unit:

Design

Faculty/Staff Contributions:

Two full-time faculty currently teach about half the FTEF. The remainder of the teaching load is typically covered by six to seven associate faculty. The program currently has one full-time Instructional Associate position and one part-time Instructional Assistant position. While the