Program Name

Biology

Plan Name

Ventilation in 4523 and 4524

Plan Motivation

Institutional Objective I.3. Secure funding for the facility priorities identified in the 2011 MiraCosta Community College District Comprehensive Master Plan

No further Goals motivated by the Strategic Plan

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Program Resources

Program Performance

We have concerns for the possible health and safety of students and staff exposed to formaldehyde fumes that may accumulate due to ventilation issues in these spaces.The ventilation in these rooms is inadequate to accommodate the load of volatile, noxious chemicals emitted by preserved specimens.

Plan Status

There is one normal exhaust vent (HVAC) in 4524 where the bodies are stored and one nonfunctioning fume hood in 4523 (the teaching lab). However, this is inadequate. A local drop-down exhaust ventilation unit in 4524 and a wall-mounted ventilation unit in 4523 would help ventilate the cadavers in both rooms and hopefully prevent the fumes from accumulating. Rearrangement of built-in shelving units would be needed in both rooms to provide space for the mobile-mort storage unit for cadavers, the wall mounted ventilation unit, and provide more space for cadaver demonstrations and dissections.We also suggest removing the dropped ceiling in 4524 in order to increase total air volume and therefore dilute fumes further.

Responsibilities

Biology faculty and Instructional support Staff

Milestone(s), Deliverable(s), and Expected Completion Date.

Resolution of ventilation issues in rooms 4523 and 4524 as soon as possible.

Spring 2012

Plan Resources

Equipment/supplies needed

Technology not needed

Facilities not needed

[Personnel needs]

Curriculum not needed

Progress as of this Program Review

0

Funds were allocated from the last program review to purchase tabletop air filtration units in an attempt to resolve the issue. After reassessing the scope of the problems, new solutions are being proposed in this plan. However, the allocated amount may not be sufficient to cover the full cost of the proposed solutions.

Updates to the Comprehensive Master Plan

[For tracking, indicate whether this plan will lead to an update of the CMP and which section(s).]

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