

Foothill Annual Program Review 2023

Annual Program Review Template 2023

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1. Number of full-time faculty in the program.

1

2. Number of part-time faculty in the program.

1

3. Number of staff in the program.

0

4. Do the above numbers reflect any staffing changes?

Yes, we have added one part-time faculty member to help program continuity in spring quarter when the only full-time faculty member is on PDL.

5. Refer to the most recent Comprehensive Program Review, what were the identified actions for improvement? Identify any current and/or new Strategic Goals.

The primary action items were:

- raising student awareness of in-person ASTR courses
- attendance interventions
- modernization of lab course

6. What actions identified in the Comprehensive Program Review (or most recent Annual Program Review if no Comprehensive Program Review) have you completed this year?

Modernization of the lab course is underway by joining UC Observatories' program for Bay Area community colleges to use Lick Observatory. Foothill College is the first community college to participate, with student tour and remote observing using Lick Observatory facilities.

On-campus awareness raising activities have been resumed, with lab assignments involving public solar viewing, in-person lectures, and public events at the Foothill Observatory.

Some attendance interventions have been implemented (emails to absent students), but improvements are still needed.

7. Explain your implementation timeline and if there have been any changes or updates.

Further transformation of the lab course will require edits to COR, in order to shift focus to modern astronomy skills and topics. These changes are underway.

We are now back to the full slate of course awareness raising activities, with a semi-regular presence of lab students conducting solar viewing on-campus at times of high foot traffic, and astronomy talks have returned to being conducted in-person.

Further improvement to attendance interventions is largely a function of workflow improvements - the most crucial times for sending prompt attendance reminders are also among the busiest (start of quarter, midterms), and have been carried out inconsistently.

8. Explain the evidence the program used to evaluate progress and provide an update on progress.

Regarding the lab modernization effort, the proportion of labs focused on modern astronomical processes of image collection and analysis have reached ~50% of the course.

Awareness raising efforts have reached capacity, with all interested and schedule-able lab students each quarter conducting on-campus solar viewing activities outside of scheduled lab meetings, plus holding an average of one special-event public observing event at the Foothill Observatory each quarter (in addition to the regularly scheduled weekly viewing).

9. Click the link and follow the instructions to the Disproportionate Impact dataset, then respond to the prompt below.

https://foothilldeanza-my.sharepoint.com/:b:/g/personal/20078222_fhda_edu/EctjgGNEurtMlb1n6ZQ5k3kBNTEjiE9G_kGSHMhfM1tsrA?e=yDcC7c

Identify the groups that are experiencing a disproportionate impact in the most recent year (highlighted in orange). In the text box below, provide the percentage point gap and the number of additional successes needed to erase the percentage point gap for each group.

Latinx students have a -19% gap, and would need an additional 21 successes to erase the gap.

10. Use this opportunity to reflect on your responses in this document. Include your closing thoughts.

[object Object]

Click on the link below to view the Annual Program Review Rubric.

https://foothilldeanza-my.sharepoint.com/:w:/g/personal/20078222_fhda_edu/Ec2dqPH1B2RHinzFtnlz6sYB7-DOzW9lv1KkGyWdLuZkbg?

Rubric Annual Program Review

Criteria

The program's responses...

- align with the program's goals
- align with data
- are informed by data
- are within the control of the program
- have measurable outcomes

Meets Expectations

Needs Improvement

Feedback

The astronomy program is very solid at the college, and the one full-time faculty member has done a great job in creating many unique learning opportunities for both the campus community and the surrounding community in offering viewing activities of the night sky. The one full-timer will be on PDL each of the upcoming spring quarters starting in spring '24, and we have hired two new part-timers to teach courses for us to help fill this gap.

One comment that should be addressed is in part 9 of the document - which references the 19% success gap in our Latinx students in astronomy. Though this is stated as a statistic in the document, there is no reflection on what kind of possible strategies can be made in order to address this problem.

This form is completed and ready for acceptance.