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| Instructional Planning Yearly Update – 2016 | Date**:** March 25, 2016 |
| Department: Astronomy | Division**:** NAS |

# SLO Assessment Results

List SLO assessments, dialogues, and priorities identified as a result of your assessment below. **Attach Departmental** **Assessment Analysis Forms completed in the last two semesters**. (Do **NOT** attach your individual assessment forms.)

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| **Core Competency, Course SLO, or CTE Program SLO Assessed.** Example: all course SLOs for English 1A, 1B and 2 | **Date of meeting where analysis / dialogue took place.** Example: Department Meeting 8/27/15 | **Priorities identified for program as a result of assessment.** Example: Develop strategies for teaching research and documentation skills; share rubrics for research papers; provide more instructional support outside of class. |
| All course SLO’s for Astro 7 | Aug 24 ‘15 | **Add new material on current Earth climate change and especially new research on systems approaches to understanding climate and civilization dynamics. Surveys show this is what most students are taking the class to learn. However, information density is increasing and therefore…**  **Enrollment/retention improvement: Give more explicit notice of exactly what material will be on exams, order to relieve grade pressure while simultaneously encouraging full attendance – the only place these explicit notices to be given. Also further refine “red slide” summaries in**  **Seek opportunities to expand communication of climate issues with the wider Santa Cruz audience, not only as outreach education, but to also stimulate new enrollment.** |
| All course SLO’s for Astro 8A | Aug 24, ‘15 | **Fund new video-timing and digital recording gear and tracking mount (~$1226 total) and acquire software (free), permitting student quantitative analysis of occultation and other timing-critical astronomical phenomena in newly created labs in team setting.**  **Enlist CEM students to build a second warm room/dome combination adjacent to the first. This second permanent and secure observatory building would permit new labs involving imaging, photometry, and video-occultation work in parallel with the current setup, which does purely imaging. The existing security-vulnerable POD dome should be sold to help fund this. These computerized telescope labs inside the dome are the labs most highly desired by the students.** |
| All course SLO’s for Astro 9ABC | Aug 24, ‘15 | **Fund $690 for LIA help for the Fall ’16 offering of Astro 9ABC.**  **See also the above re-emphasis on CEM student construction of another observatory domed building listed under the Astro 8A SLO’s; this facility would be valuable for all astronomy students.** |
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# SLO Commentary

Use the box below to add any additional information. If you have not completed SLO assessment, state reason.

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# Progress on Goals and Recommendations from Most Recent Program Plan

List the **top five** Goals and Recommendations from the last Program Plan and indicate whether they have been met.

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| Goal/Recommendation | Status | Type  (select all that apply) | | Funding Source (general fund, grants, one-time, categorical, etc.) |
| **Student assistant for lab courses. 3 hrs/week for 33 weeks** | In Progress |  | No Cost  One-time cost  On-going cost | General fund |
| **Build new 350 sqft building with dome, very similar to the existing Observatory Dome building, with connecting doorway, to house existing telescope, QIY900 CCD camera, IDL software/MacBook computer for general photometry, imaging, occultation, and other projects** | Goal Not Met |  | No Cost  One-time cost  On-going cost | General Fund, or grant, or one-time, or College Bond issue |
| **Service, repair planetarium projectors to return to original working order** | Goal Not Met |  | No Cost  One-time cost  On-going cost | General Fund, or grant, or one-time, or College Bond issue. |
| **Identify and hire a tutor for regular hours at the STEM Center. 3 hrs/week** | Goal Not Met |  | No Cost  One-time cost  On-going cost | General Fund, or grant, or one-time, or College Bond issue. |
| **Base budget increase for supplies account, which also is the Astronomy equipment budget, to account for inflation and loss of SIE money in past years** | Goal Not Met |  | No Cost  One-time cost  On-going cost | General Fund, or grant, or one-time, or College Bond issue |

New or Unmet Goals and RecommendationsGo to the link below to submit any new or unmet goals and recommendations (resource requests) identified by the department, in priority order:

<https://www.surveymonkey.com/r/ResourceRequests2016>