

Los Angeles City College
Comprehensive Program Review 2008

Physics/Engineering Department

XI. Dean's Review and Recommendations

I. Department Mission

Does the department's mission statement reflect the goals and activities of the department? Is it aligned with the college mission? Explain.

The departments Mission Statment reflects the goals and activites of the deparment and is aligned with the college mission.

II. Department Overview

Does the department's analysis of trends in enrollment and achievement accurately reflect the data? Have any issues been identified? Explain.

The department overview (analysis)is presented in summary format (qualitative), and does not illustrate concrete examples or comparisons which are quantative, or adress the data. While

III. Vocational Programs

Does the department's analysis of labor market demand, advisory board activities and accreditation status (if applicable) reflect the data? Have any issues been identified and are they adequately addressed with appropriate action plans? Explain.

This Department is NOT a Vocational department.

IV. Curriculum

Does the department's analysis of enrollment trends accurately reflect the data? Has adequate progress been made in developing and assessing student learning outcomes at the courseand program level? Are Title 5 course outline updates current? Has adequate analysis of course scheduling been provided? Explain.

No analysis of enrollment trends was presented. The department is still in the process of developing SLO's. There has been progress in the departments Tile V updates; however the Engineering discipline (Engineering 101, 151, 212, 241) needs immediate attention, as these Title V Updates are long overdue.

V. Departmental Engagement

Has the department provided a full description of departmental engagement? Explain.

The Physics/Astronomy Department has show evidence of on and off-campus engagement, as faculty are involved in on-campus committees and off-campus collaborations with entities such as Cal Sate Los Angeles and JPL.

VI. Professional Development

Has the department provided a full description of professional development? Explain.

While the department has not listed any professional development; I am aware of the faculty in this department attending conferences and having affiliations with organizations in the field of Astronomy, Engineering, and Physics where we have used those affiliations to identify candidate for full-time faculty positions.

VII. Support and Activities

Has the department provided a full description of support needs of the department? Explain.

The department has provided a description of support needs; specifically, secretarial, library, and custodial needs. However, no explanation for these needs was given.

VIII. Resources: Personnel, Equipment and Facilities

Has the department provided a full description of resource needs of the department? Explain.

The department has provided a full description of the personnel needs (replacement of one retired and one deceased faculty member; and lab tech), equipment needs (new modern equipment is needed to move the department in a positive direction and meet the needs of the students who will need this equipment to excel and compete with other students) and facilities needs (the department needs a dedicated area that is adjacent to the other sciences and preferably located in Franklin Hall; rather than the Chemistry building).

IX. Planning and Budget

Do the planning goals and action plans reflect the issues raised in the self study? Are they aligned with the Educational Master Plan and the College Strategic Plan? Explain.

No planning goals or action plans were submitted.

X. Final Summary by Discipline

Are all items identified as a Major Concern addressed with a goal and action plan? Explain.

Yes, the items of Major concern appear to have been addressed. There appears to be no concerns about the disciplines of Engineering, Physical Science, or Physics, which is cause for question as the enrollment trends and demand for these disciplines have fluctuated over the years. There appears to be concern in the Astronomy discipline, with respect to the current FTEF.

XI. Department Strengths and Weaknesses

Has the department provided an adequate analysis of departmental strengths and weaknesses? Explain.

The department list no strengths or weaknesses.

XII. Recommendations/Commendations

What recommendations based on your comments do you have for this department? What commendations do you have for this department? Explain.

I would seriously recommend that the Physics/Astronomy Department:

- 1.) Establish goals, activities, and action plans so that a direction for the future of the department can be determined.
- 2.) Work hard to develop SLO's at the course level, and update the Title V Outlines for the Engineering discipline (Engineering 101, 151, 212, 241), which have been expired for over 6 years.
- 3.) Examine the enrollment trends for Astronomy, Engineering, Physical Science, and Physics and allocated resources (budgets), and develop a methodology of when and how many sections of a class should be offered.

Lastly, the department should be commended on its effort in maintaining the department's enrollment/stability at a time when the Department Chair passed away this year; and a full-time faculty member (who retired in Spring 2007) was not replaced, and the department currently only employs TWO full-time instructors and host of hourly instructors.