

Los Angeles City College  
Comprehensive Program Review 2008

Chemistry and Geophysical Sciences Department

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**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 missions statement "to deliver a contemporary, rigorous curriculum in all of our disciplines at every level to prepare our students, and to teach with a student-friendly and learning-centered approach to allow our students to meet our standards and achieve their goals" is consistent and complementary to the colleges mission statement to "offer programs, course work, support, and guidance to develop a community of learners -- both near and far -- with the knowledge, skills, and attitudes necessary for optimal growth and action in their personal and professional lives. The goals and activites related to the departments mission statment are clear, sound, and support the department's mission statement, which again, clearly complements the colleges mission statement.

**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 departments analysis is very thorough, clear, and informative. It is VERY clear and evident to me that the team of faculty in the Chemistry/Geophysical Sciences Department who prepeared this program review, did an micro-analysis of the enrollment and achievement trends, and pointed out some of the barries or variables that have shown to have an effect on enrollment for each of the disciplines within the deaprtment(i.e. pre-requisite enforcement, day/time when specfic disciplines offer courses, and the limitations on offering certain courses over the years, due to the lack of faculty).

**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.*

The departments analysis is accurate. The department has identified SLO's for Chem 60,68, & 101. The Title V updates have and are currently being completed in a timely manner. The course scheduling analysis has been provided, and is very thorough. Much care has been taken in addressing student needs (day/night course), scheduling conflicts with other programs, and observations from historical scheduling patterns.

## V. Departmental Engagement

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

The descriptions within this program review of departmental engagement within, between and across departments, provide clear evident that the Chemistry/Geophysical Sciences Department consists of faculty who are making a positive influence within the Los Angeles City College.

Specifically, colabortions with the health and physical sciences, and other leadership positions on campus have made the department more visable, as the deparment chair was just elected Chair of Chairs by his peers.

## VI. Professional Development

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

The department has provided a full description of its professional development activities; complete with conference information and official professional affiliations.

## VII. Support and Activities

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

The department has provided a full description of the deparments support needs, speciffically, with regards to Secretarial/Instructional Assistant support.

Also, the concern of Library resouces has been suggested, to assist students in their learning process.

## 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 resource needs. The "Human Resources" include; new (and future replacement of) faculty, an addtional 1/2 time lab-tech, and Sectarial/Insttutional Assistance support.

With regards to equipment, various old exisiting equipment, as expressed in the program review, must be replaced; and new equipment must be ordered to keep pace with the changes in the Chemistry/Geophysical sciences field.

## 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.*

The planning goals and action plans of the Chemistry/Geophysical Department reflect the issues rasied in the self study, and they complement, and are aligned with the Educational Master Plan and the colleges strategic plan.

## X. Final Summary by Discipline

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

The major concerns of each discipline (Chemistry, Environmental Sciences, Geography, Geology, Meteorology, & Oceanography) are addressed and show a clear stratification of needs, including, but not limited to, Budget and allocation, Enrollment, Equipment, Facilities, FTEF, SLO's, and Support.

## **XI. Department Strengths and Weaknesses**

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

The department has provided an adequate analysis of the departments strengths (knowledgeable faculty delivering a contemporary and rigorous curriculum in all of the disciplines) and weaknesses (dated facilities, concerns with the geophysical courses, and the interdisciplinary nature of geography).

## **XII. Recommendations/Commendations**

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

My recommendation is that the faculty in the Chemistry/Geophysical Department continue to implement the activities that will complete their goals, and make the missions statement a reality. The department has set high standards for itself; which I believe to be a reflection of the faculty who teach in this department.