

Los Angeles City College
Comprehensive Program Review 2008

Mathematics/CSIT 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 department's mission statement "The Los Angeles City College Department of Mathematics is dedicated to providing our students with the highest quality attainable education in Mathematics, Computer Science - Information Technology, Computer Technology and Electronics. We will constantly work to improve the effectiveness of our instruction, provide educational opportunities for our students, motivate student achievement, enhance the learning environment and enable our students to succeed", reflects the goals and activities of the department 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's analysis of trends in enrollment and achievement is thorough and accurately reflected in the data. Issues such as declining enrollment have been mentioned and noted.

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.

No department information was submitted.

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 course and program level? Are Title 5 course outline updates current? Has adequate analysis of course scheduling been provided? Explain.

The department's analysis of enrollment trends reflects the data. The CSIT/CTEL discipline (negative enrollment trend) and Math discipline (positive enrollment trend) are moving in different directions with regards to enrollment.

The department is still developing SLO's at the course level. While many of the department's Title V Updates are in progress, the updates for CSIT 104, 106, 107, 124, 126, 139, 144, 157, 158, 159, 167, 168, 169, 182, 183, and 184 are overdue for updates.

A narrative has been provided for the analysis of course scheduling.

V. Departmental Engagement

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

The department's members are involved in many on-campus and off-campus committees, activities, and student clubs. The department has provided a list of some of the committees, activities, and student clubs they are involved in.

VI. Professional Development

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

A description of some of the professional development that the department has done, has been provided. However, it appears that many of the conferences and activities that the department (MATH/CTEL/CSIT) have attended have not been noted, as I am aware that this department attends many conferences and activities.

VII. Support and Activities

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

The department had provided a description of support needs. The lack of replacement faculty in CTET (due to retirement of one faculty member in 2007 and the death of another in last year) has created a burden for other faculty in the department.

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 description of resource needs.

* The department is concerned about a pending 2009 retirement in CTET; and the possible filling of this position, given the current existing vacancies.

* The department needs computer replacements no less frequently than every four years to be capable of running current and new software. Software upgrades are also needed to keep instruction current with industry demands.

* CTET equipment such as computers, software, tear-down work stations, oscilloscopes, circuit boards etc., are need periodic replacement and upgrade.

* The department is currently short of space for all the disciplines due to the imminent renovation of Franklin Hall. There is sufficient room for the department to conduct its programs through the sharing of facilities with other Departments. Upon the reopening of Franklin Hall in spring 2010, the department will be able to move back in Franklin Hall; However, the department will be faced with the Jefferson Hall renovation project, which will displace Math and other CSIT/CTET courses in the future.

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 and goals and action plans reflect the self study, and are aligned with the Educational Master Plan and the College Strategic Plan. Some of the goals and activities (such as hiring faculty and classified staff) should be reviewed; and re-written). Also, 11 goals is a lot.

X. Final Summary by Discipline

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

Some items of major concern (specifically enrollment and FTEF for CSIT/CTEL) have been addressed, and appear in the goals and action plans.

XI. Department Strengths and Weaknesses

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

The department has provided a analysis of the strengths (the Math Discipline and it's success in national competition and transfer of students to 4-year institutions) and weaknesses (the CSIT/CTEL programs must address the enrollment, retention, and certificate and degree demands of emerging occupations in the field).

XII. Recommendations/Commendations

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

The Math Department is to be commended on it's continued sucess in State and National competition and it's success with the PI Shop and transferring students (on a regular basis!) to the UC System, CSU System, and Independant Colleges and Universities such as MIT, CAL TECH, Occidental, and USC.

My recommendations are as follows:

- 1.) The department should consider pairing down it's goals, to five or less; and review it's goals to make sure that the goals are doable and sound.
- 2.) The department should work out a plan of action to develop it's SLO'S and update all outstanding Title V Outlines.
- 3.) The department should set a standing meeting, once a month, to discuss department matters and have an agenda item on engagement (on and off-campus committees or activities that department memebbers are involved in) and professional development (what comference, workshops, or professional activites department members attended; and how it was self beneficial or beneficial to the instition).
- 4.) Laslty, the department (more specifically the CSIT and CTEL disciplines) should meet(the meeting could be manditory or with whomever shows up)at specified time intervials (e.g. every two weeks)to discuss, brainstorm, suggest, and come up with a plan to address the enrollment concerns in these dsicpines; and an action plan to reverse the current direction. This is essential if these disciplines are to survive.