Unit Plan: Enrollment Requests (Discipline Plan)

Unit: ENGINEERING
Division or Area to Which You Report: Mathematics and Science
Author(s) of this Unit Plan: Bruce Mayer, PE
Date: 29-Feb-08

Audience: Budget, Deans, CEMC
Purpose: To recommend FTEF allocations for subsequent academic year.
Instructions: Please be sure to analyze enrollment trends and provide rationale below for any requested changes. Attach Spreadsheet to this form. Spreadsheet format and instructions available on Enrollment Management website (http://help/EMC/). Please seek your dean’s assistance as needed.

The Fall/Spring staffing levels of 0.982/1.199 FTEF have been in place since the 05-06 academic year. This quantity of staffing is currently adequate to support the type and number of engineering courses required by the transfer-oriented engineering student body as indicated in Table I. Figure 1 and Figure 2 show the historical trends for Engineering course-demand and course-staffing. The trends, while showing perhaps a slight upward trend in recent enrollment, have been basically flat over the last five years.

In 04-05 the Engineering staffing levels were “right-sized” for this quantity of demand. The enrollment trends suggest maintenance of this staffing level.

The current staffing is required to support the transfer-mission of the Engineering program. As indicated Figure 3 the Engineering program has sent over the past few years almost 70 students to University Colleges of Engineering; with 23 transferring to UCBerkeley alone.
## Table I • Engineering Course Scheduling Pattern

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Figure 1 • Student Demand, and Instructional Staffing Levels for FALL Engineering Courses
Figure 2 • Student Demand, and Instructional Staffing Levels for SPRING Engineering Courses
Chabot College Engineering Student Transfer Survey • 2004-2007

Figure 3 • Chabot Engineering Student University Transfer Mix

- UC Berkeley: 23
- SJ State: 20
- UCDavis: 11
- Cal Poly SLO: 6
- UCLA: 3
- UC Irvine: 2
- Other: 4

Total Transfers: 69

Number of Students