

APPENDIX A

FIVE-YEAR DEPARTMENTAL DATA

PHYSICS/ENGINEERING

DEPARTMENTAL DATA

Departmental data for the past eleven years is tabulated in Table A on the following page. Over the past eleven years the PLNU Physics Department has been rather stable. The FTE faculty has remained at or near 3.0 (except during sabbatical years). The number of majors has deviated no more than 15% from a mean of 24 and the annual number of graduates has normally been two or three. It should be noted that these three statistics, FTE faculty, number of majors and number of graduates, as a fraction of PLNU totals has fallen over the past several years due to the overall growth of the university.

The departmental budget has grown moderately over the past eleven years and when coupled with special equipment allocations and departmental gift monies, has been sufficient to maintain our program.

DEPARTMENTAL ACADEMIC DATA

Academic data on our current majors is tabulated on Table B on the following pages. The college GPA's of our students is missing from the table because our freshmen do not yet have any college grades. However, the average GPA of our eight upperclassmen is about 3.55.

As with any college physics department, there is considerable loss of majors that occurs during the first two years. When this is taken into consideration, it is likely that our current freshmen and sophomores will have higher grades and SAT averages two years from now than do our current upperclassmen.

It should be noted that the University instituted a Science Recruitment Weekend program two years ago during which we bring to campus (at our expense!) our most capable leads and house them in a local resort hotel. We then present our academic program and research opportunities to them and have them socialize with some

of our top students. This program was responsible for our various science departments recruiting three National Merit finalists this past year alone. We are very hopeful that this recruitment effort coupled with the large increase in California high school graduates will lead to an increase in both quantity and quality of graduates in our department.

TABLE A

Departmental Review Data for the Physics and Engineering Department

Category	89/90	90/91	91/92	92/93	93/94	94/95	95/96	96/97	97/98	98/99 Est	99/00 Est	00/01 Est
PHY/EGR												
Total Budget	\$12,996	\$13,645	\$8,145	\$15,421	\$15,560	\$16,785	\$17,455	\$18,325	\$19,167	\$20,184	\$20,700	\$21,600
Budget as % of PLNU	3.6%	3.5%	2.0%	3.4%	3.3%	3.3%	3.3%	3.4%	3.2%	-	-	-
Actual Spent	\$7,750	\$14,443	\$8,173	\$15,635	\$17,042	\$17,450	\$16,787	\$16,650	\$17,951	\$18,011	-	-
% Budget Spent	60%	106%	100%	101%	110%	104%	96%	91%	94%	89%	-	-
Spending with Salaries	\$99,673	\$141,574	\$97,546	\$144,851	\$173,073	\$179,450	\$181,395	\$183,942	\$162,290	\$180,204	\$187,000	\$191,000
Salaries as % of PLNU	2.4%	3.1%	2.0%	2.7%	3.1%	3.0%	3.0%	2.9%	2.4%	-	-	-
Credit Hours	933	891	1037	735	951	973	832	844	789	990	1130	1130
Cr. Hrs. as % of PLNU	1.8%	1.6%	1.8%	1.3%	1.6%	1.7%	1.4%	1.4%	1.3%	1.6%	1.8%	1.8%
Cost/Unit	\$106.83	\$158.89	\$94.07	\$197.08	\$181.99	\$184.43	\$218.02	\$217.94	\$205.69	\$182.02	\$165.49	\$169.03
FTE Faculty	2.7	2.9	2.6	2.9	3.0	3.0	3.1	3.1	2.7	3.0	3.0	3.1
FTE Fac. as % of PLNU	2.6%	2.7%	2.3%	2.5%	2.5%	2.4%	2.6%	2.5%	2.1%	2.4%	2.4%	2.4%
Student/Faculty Ratio	10.8	9.6	12.5	7.9	9.9	10.1	8.4	8.5	9.1	10.3	11.8	11.4
# of Majors	24	25	27	27	25	25	20	24	22	22	24	25
Majors as % of PLNU	1.3%	1.3%	1.4%	1.3%	1.2%	1.2%	1.0%	1.1%	1.0%	1.0%	1.1%	1.2%
# of Degrees	2	2	3	2	2	2	3	4	1	0	3	4
Degrees as % of PLNU	0.6%	0.7%	0.8%	0.6%	0.5%	0.5%	0.8%	0.9%	0.3%	0.0%	0.7%	0.9%
PLNU												
Total Budget	\$365,803	\$392,361	\$415,671	\$454,869	\$467,997	\$502,407	\$521,558	\$545,536	\$591,586	-	-	-
Actual Spent	\$403,887	\$402,118	\$421,460	\$469,297	\$452,972	\$487,029	\$528,003	\$581,730	\$605,702	-	-	-
% Budget Spent	110%	102%	101%	103%	97%	97%	101%	107%	102%	-	-	-
Spending with Salaries	\$4,235,054	\$4,498,655	\$4,875,621	\$5,278,758	\$5,632,665	\$6,022,165	\$6,126,302	\$6,358,057	\$6,861,268	-	-	-
Credit Hours	52885	54158	57469	56451	59164	57661	58238	58883	59796	-	-	-
Cost/Unit	\$80.08	\$83.07	\$84.84	\$93.51	\$95.20	\$104.44	\$105.19	\$107.98	\$114.74	-	-	-
FTE Faculty	102.3	106.8	111.8	116.0	118.5	123.6	118.8	121.6	125.9	-	-	-
Student/Faculty Ratio	16.2	15.8	16.1	15.2	15.6	14.6	15.3	15.1	14.8	-	-	-
# of Students	1837	1878	1909	2035	2106	2051	2103	2142	2134	-	-	-
# of Degrees	310	291	377	326	368	394	356	451	394	-	-	-

TABLE B

Departmental Academic Data for Physics/Engineering Department

Appx Average Sats and GPA (with 23 of 25)

Tot SAT	Math	Verbal	HS GPA
1262	663	599	3.93
Upper classman averages	707	649	4.02