ANNUAL PROGRAM REVIEW
PHYSICAL SCIENCES PROGRAM

NAME OF PROGRAM/DEPARTMENT/SERVICE AREA: PHYSICAL SCIENCES

NAME OF PERSON SUBMITTING THIS REVIEW: Lerch/Kokosinski/Rico

DATE OF SUBMISSION: October, 2010

MANAGEMENT AREA (check one):

- ☐ Administrative Services
- ☒ Instruction
- ☐ Student Services

ASSESSMENT OF PAST PROGRESS

Describe your progress on your previous year's objectives:

Objective 1: Geology 102: to incorporate greater access to field trips for students. Because this course is now offered each semester, the student travel budget is inadequate.	**Summary of Progress:** Our budget request was granted for 2010-2011.
Connection to other plans: FRC Strategic Plan, Objective #2	**Resources/Budget Needed:** No new resources needed.

Objective 2: Geography and Geology: to emphasize the importance of physics and chemistry in these general education courses. By exposing students to basic concepts in physics and chemistry, I hope to encourage a greater portion of our student population to explore these core sciences.	**Summary of Progress:** Work in progress. I have added lecture material on physical and chemical concepts, but more work remains to be done. (Lerch)
Connection to other plans: FRC Strategic Plan, Objective #2	**Resources/Budget Needed:** Staff time

CURRENT YEAR PROGRESS AND OBJECTIVES

What objectives and tasks will you take on for this year? (You may continue objectives from the prior year.) Will your allocated resources be sufficient given your objectives?

Objective 1:	**Action Plan (include who is responsible):**
To begin improving overall effectiveness of the chemistry lab by taking inventory of current resources to identify gaps in supplies and equipment.	During summer and fall of 2010 Kokosinski took inventory of lab supplies. Kokosinski and Lerch composed a list of instructional supplies and equipment that are necessary to revitalize the laboratory (*e.g.*, H_2 tank and regulator, updated computer for IR spectrometer, goggles, pH meters, electronic balance, burets).
Connection to other plans:	**Resources/Budget Needed:**
FRC Strategic Plan, Objective #2	$800 for instructional supplies, $1000 for instructional equipment.

BUDGET CHANGE REQUESTS FOR NEXT YEAR

Please provide rationale for budget *changes* (attach budget request sheets for entire annual budget).

Budget Request(s): Amount	Account Code	**Rationale** (include connection to other plans)**:**
$800	1100.22050.4310	Budget addition for instructional supplies for the chemistry lab (currently at $0, See #1 in Objectives above)
$1000	1100.22050.6410	Budget addition for instructional equipment for the chemistry lab (currently at $0, See #1 in Objectives above)

SUMMARY UPDATE FROM COMPREHENSIVE PROGRAM REVIEW

Based on data provided:

1. Describe the current status of the Program/Depart/Service Area.

- Our program provides instruction in a wide range of disciplines. Generally, enrollment in the general education courses such as GEOL 102 and GEOG 102 is high. As of fall 2009, enrollment in chemistry has risen sharply.
- It is our opinion that historically low-enrollment classes such as first- and second-semester physics, as well as organic chemistry should be offered every year in order to serve the small, but important, portion of our population that needs these classes for scientific fields of study. The Physical Sciences Program offers courses necessary for a solid science background, and is an integral part of our mission as an institution of higher learning.
- After reviewing program data (supplied by B. Murphy), we found a number of classes that have relatively low "success" rates in the Physical Science area. Generally, these classes represent our more demanding, academic courses. We feel that we need to uphold the rigor and content of these courses and maintain our academic standards. Note: we are approximately 3% above the state CCC average for both success and retention rates.

2. Explain significant issues and/or changes that have occurred since the last comprehensive review.

3. Briefly explain significant changes expected during the upcoming year.

APPENDIX

Attach supporting documents as appropriate. Please see Instructions for examples of supporting documents per Management Area.

2011-2012 BUDGET PROPOSAL

RESPONSIBILITY: CIO

FUND CODE: **1100 GENERAL - UNRESTRICTED**
ORGANIZATION CODE: **22050 LAS Chemistry**

FEATHER RIVER COMMUNITY COLLEGE DISTRICT

ACCOUNT CODE	ACCOUNT TITLE (Please provide specific detail supporting *Proposed Budget Request* .)	Strategic Planning Goals & Objectives Policy Area (If Applicable)	2009-10 ENDING BUDGET	2009-10 ACTUAL	2010-11 ADJUSTED FINAL BUDGET	2011-12 PROPOSED BUDGET REQUEST
4310	Instructional supplies	2.1, 2.2, 2.3	$0.00	$0.00	$0.00	$800.00
4325	Non-instructional supplies	2.1, 2.2, 2.3	$120.00	$55.00	$650.00	$120.00
6410	Instructional equipment	2.1	$0.00	$0.00	$0.00	$1,000.00
			$120.00	**$55.00**	**$650.00**	**$1,920.00**

2011-2012 BUDGET PROPOSAL

RESPONSIBILITY: CIO

FUND CODE: **1100 GENERAL - UNRESTRICTED**
ORGANIZATION CODE: **22080 LAS Geology**

FEATHER RIVER COMMUNITY COLLEGE DISTRICT

ACCOUNT CODE	ACCOUNT TITLE (Please provide specific detail supporting *Proposed Budget Request* .)	Strategic Planning Goals & Objectives Policy Area (If Applicable)	2009-10 ENDING BUDGET	2009-10 ACTUAL	2010-11 ADJUSTED FINAL BUDGET	2011-12 PROPOSED BUDGET REQUEST
4310	Instructional Supplies	2.1, 2.2, 2.3	$55.00	$0.00	$80.00	$80.00
5101	Student Travel	2.1	$95.00	$123.00	$150.00	$150.00
			$150.00	**$123.00**	**$230.00**	**$230.00**

2011-2012 BUDGET PROPOSAL

RESPONSIBILITY: CIO

FUND CODE: **1100 GENERAL - UNRESTRICTED**
ORGANIZATION CODE: **22120 LAS Physics**

FEATHER RIVER COMMUNITY COLLEGE DISTRICT

ACCOUNT CODE	ACCOUNT TITLE (Please provide specific detail supporting *Proposed Budget Request* .)	Strategic Planning Goals & Objectives Policy Area (If Applicable)	2009-10 ENDING BUDGET	2009-10 ACTUAL	2010-11 ADJUSTED FINAL BUDGET	2011-12 PROPOSED BUDGET REQUEST
4310	Instructional supplies	2.1, 2.2, 2.3	$0.00	$350.00	$100.00	$350.00
4325	Non-instructional supplies	2.1, 2.2, 2.3	$0.00	$100.00	$100.00	$100.00
			$0.00	**$450.00**	**$200.00**	**$450.00**