



**COMMITTEE ON ACADEMIC PLANNING AND REVIEW  
RUBRIC FOR ANNUAL PROGRAM REPORT REVIEW**

History:

08-09 CAPR 23 (revised)

**NOTE TO CAPR REVIEWER:**

Read the Annual Report submitted by the program by visiting the [Five-year Reviews and Annual Reports by Department](#) page on the Academic Senate website; find the CAPR document that pertains to the last five year review (e.g. 08-09 CAPR 42). Read this document and identify the main issues raised by CAPR with respect to the five year plan and the goals set for this project in the intervening five years to the next program review. Report back on the program and the degree to which the Annual Report a) addresses the five year planning horizon as appropriate, and b) addresses the specific elements as parsed out below (questions 1-4).

**YEAR:** Academic Year 2014-2015

**PROGRAM:** Physics BS and BA

**LAST FIVE-YEAR REVIEW:** Academic Year 2010-2011

**NEXT FIVE-YEAR REVIEW:** Academic Year 2015-2016 (Due to the suspension of the 5-Year Review, now the Academic year 2018-2019).

**CAPR REVIEW AND RECOMMENDATION DOCUMENT:**

(i.e. 13-14 CAPR 22 on [Five-year Reviews and Annual Reports by Department](#) webpage)

1.

Does the Annual Report have a self-study (one page)?

Yes  No

1a.

Does the Annual Report record progress with departmental planning and review? – does it describe progress toward the program’s defined goals, any problems reaching its goals, any revisions to goals, and any new initiatives taken with respect to goals?

Yes  No

***The Dept. of Physics has done an excellent job with regard to their departmental planning and review progress. Examples include a fourth quarter Introductory Physics course, entitled “Modern Physics”, which has thus far been very successful, as well as their plans to change and implement math requirements, such as Calculus IV, for students majoring in physics. They have maintained and continue to maintain an excellent seminar series that is open to all, but advertised within the College of Science. The department has also secured a \$100,000 endowment to continue their seminar series and eventually plan to turn the series into a course, which is in line with other Departments in the College. The Physics Dept. has excelled in their ability to reach and in some cases, surpassed the expectations laid out in their last 5-year review.***

1b.

Does the Annual Report provide information on the program’s assessment processes? – does it provide information indicating the results of the program’s assessment efforts and/or efforts to further develop its assessment efforts?

Yes  No

1c.

Does the Annual Report detail progress on fulfilling programmatic needs? – does it record significant events which have occurred or are imminent, such as changes to resources, retirements, new hires, curricular changes, honors received, etc?

Yes  No

***Yes, the Dept. has specifically mentioned two areas, which need to be addressed to strengthen their program. The first, like so many other Departments, is the need for new tenure-track faculty and a space (Office and Lab) to place new faculty. Secondly, emphasis will be on recruitment of new students into the Dept. by through program enhancement and re-design of the Departmental web page.***

2.

Does the Annual Report have a summary of assessment results and ensuing or necessary revisions (one page)?

Yes  No

Please identify whether the following information is identifiable:

Which student learning outcome was assessed:

Yes  No

What assessment instrument(s) were used to measure this SLO:

Yes  No

What participants were sampled to assess this SLO:

Yes  No

What assessment results were obtained, highlighting important findings from the data collected:

Yes  No

How the assessment results were (or will be) used as well as any revisions to the assessment process the results suggests are needed:

Yes  No

2a.

Does the Annual Report contain a reflection upon progress made and changes with respect to the student learning outcomes assessment plan that is reported on in the five-year review self-study?

Yes  No

***The Departments assessment includes general information about number of students, tenured-track faculty and lecturers in the Department. This includes FTES data and data for the undergraduate and graduate degree program. The report also includes six PLO's that were addressed within SLO assessment. The Dept. concentrated on two specific SLO/PLO's, which they felt needed further work. This includes the design and assembly of experiments, how to quantitatively analyze results using appropriate statistical procedures and learn how to test systematic errors and draw meaningful conclusions and to work effectively and inclusively as a member of diverse collaborations to solve problems. The first three SLO/PLO's were assessed using Pre and post-instruction tests and surveys. The exams are given at the beginning and the end of the course. An example was given using the Force Concept Inventory, which is a national assessment tool. Results were given for several courses. Tables were given of individual course assessments. Overall, the Dept. has done a very good job with regards to assessing SLO/PLO's, reporting assessment data and summarizing assessment data.***

2b.

Does the Annual Report describe any changes made to the assessment plan in the preceding 12 months, summarize activities carried out to implement the assessment plan by the program in the preceding 12 months, and summarize the results of any SLO assessed in the preceding 12 months?

Yes  No

***The Dept. does not need to change their assessment plan, as they are generating the data needed to understand deficiencies in the program. For example, the Dept. is implementing a plan in which basic physical concepts will be re-iterated through out the upper division courses, so that students do not forget basic concepts, as well as strengthen the ability for students to think conceptually as they will have an excellent knowledge of basic principles needed to think at an advanced level.***

3.

Does the Annual Report have numeric data summaries of the program obtained from Institutional Research, Analysis and Decision Support (one page)?

Yes  No

Does the Annual Report numeric data summary include:

3a. Student demographics of majors?

Yes  No

3b. Student level of majors?

Yes  No

3.c Faculty and academic allocation?

Yes  No

3.d Course data?

Yes  No

3.e One or two pages of supplemental information, as appendices, in the form of graphical presentation (e.g., line graphs), tables, and pertinent discussion which summarize the data of the last several (3-5) years to make changes and trends more apparent (note, this is suggested i.e. optional)?

Yes  No

*(see 4. below for details if Yes).*

4.

In addition to the required elements of the Annual Report (1-3 above), does the Annual Report include any elements that were not requested?

Yes  No

***All required information was included in this annual report.***