



**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: 2015-16

PROGRAM: Computer Networks MS

LAST FIVE-YEAR REVIEW: 2011-12

NEXT FIVE-YEAR REVIEW: 2016-17

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 4 following goals came out of the last 5-year review:
1) Increase enrollment in the program
2) Replace retiring faculty
3) Implement an assessment plan
4) Acquisition of Resources – technical laboratories, IT support
However, the Masters programs in Computer Science and Computer Networks will be merged into one degree, Masters of Computer Science with options in Networking and Software Engineering which addresses goals 1 and 4. Searches are on-going but are challenging due to the compensation level and bay-area location. Program goals and assessments have been developed and implemented in the last 3 years.

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

- 3 new hybrid courses have been developed (Security in Mobile, Wireless, Grid and Pervasive Computing (CS 6526), Security Management (CS 6527) and Cloud Computing (CS 6593))
- Strategies for oversubscribed courses are in place
- Academic dishonesty is being addressed in the program
- Completing the WST late in program has been an issue and completion of the test is now required to enroll in the capstone course.
- Faculty have moved to the Student and Faculty Support (SF) building which has been positive for communication but they will soon run out of room there.
- IT issues: The Department is in discussions with the College of Science to provide dedicated lab course support as is the norm for other lab-based disciplines
- Lack of funding for readers, TSs and conference travel remains an issue. The lack of funding is especially an important factor as we attempt to hire new faculty who are especially in need of grading support, and are expected to publish and present at conferences.

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

Key points: The program has implemented an assessment program and has determined some limitations of

that approach (does not identify an individual PLO) and will redesign for semester conversion.

PLO #3 was evaluated in the following courses: CS 6560, 6596, 6715, and 6899.

PLO #3 states: Apply critical thinking and problem solving skills by analyzing problems, designing solutions, and evaluating results.

In regards to closing the loop and using the results of the assessment process to improve student learning for PLO #3, it would appear that CS 6560 needs fine tuning

Another issue is that 2 masters programs share courses but not PLOs but this will be solved with semester conversion since the Master's in Computer Science and the Master's in Computer Networks have been combined into a single program with common PLOs.

The table of specific PLO results gave percentages but no detail on the context of those percentages.

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

Key points: see above

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

Comments: