| **Program Outcome**  **(Stated in Measurable Terms)** | **Assessment Methods** | Results **(Data Summary and Analysis)** |
| --- | --- | --- |
| Full-time faculty will exhibit scholarship or professional development in their field. | Full-time faculty annually will meet one or more of the following criteria concerning scholarship or professional development in their field:   * Publish research/scholarly work * Present at professional conference(s) * Present a public reading * Attend a professional conference * Attend professional training   Faculty activities will be collected annually in the spring in a self-report. Departments will compile the data into a Departmental Progress Report that will be submitted to the College. | 95% of faculty published at least one article in a peer-reviewed journal. The total number of papers in peer-reviewed journals in 2009-10 was 140, averaging 6.7 papers per faculty.  85% of faculty attended, and gave a presentation at, at least one national or international scientific conference. A total of 39 presentations were given this academic year, averaging 1.9 per faculty.  . |
| **Use of Results for Improving Program**  A points system will continue to be used to assess faculty productivity that emphasizes the importance of scholarly activity. Discretionary salary raises will be based on the points system. | | |

| **Program Outcome**  **(Stated in Measurable Terms)** | **Assessment Methods** | Results **(Data Summary and Analysis)** |
| --- | --- | --- |
| Graduates will be prepared for employment or advanced study in their academic field. | The assessment method will be an undergraduate exit survey that will be administered to graduating students. The College will administer the survey every semester. Graduating students will be asked about their current employment and plans for advanced study.  An Alumni Survey will be conducted annually in the Spring by CAS that will ask alumni about their current employment and/or further academic training. Alumni will be tracked for three years.  Students/alumni will be expected to obtain employment in their academic field within three years of graduation. | One BA graduate responded to the survey and is currently enrolled in a Masters in Health Physics program. |
| **Use of Results for Improving Program**  The department has a “Student Opportunities” committee which informs students of scholarship availability, and job, career or graduate school opportunities. This committee will adopt a more proactive role in working with students on job or graduate school applications. | | |
| Graduates will be satisfied with their educational experience. | Every semester exit surveys will be distributed via email to graduating students by the College. One reminder will be sent before the end of the semester. The survey includes items assessing satisfaction in three areas: academic quality, teaching quality, and student support services. Each item will be rated using a 4 point scale; 1= not at all satisfied, 4= very satisfied. A mean satisfaction score will be obtained for each of the three areas from the students who respond. Possible scores range from 1-4 with 2.5 or higher representing “satisfactory.”  Satisfaction scores for graduates will be 2.5 or above.  In addition, the survey asks the students to rate their overall experience at FIU using a four point scale; 1 = excellent, 2 = good, 3 = satisfactory, 4 = poor.  Overall experience scores for graduates will be 2.5 or less. | One student responded to the survey with the results in the following table:   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Students | Acad  Qual | Teach Qual | Stud Supp | Overall | | 1 | 2.80 | 3.86 | 2.6 | 2 | |
| **Use of Results for Improving Program**  The Physics Learning Center, created some years ago under the auspices of a grant, serves as a gathering place for physics majors where they meet, socialize, study, mentor one another, do homework and plan outreach activities. This has evolved into a learning community that is highly effective in fostering student well being. Efforts will be made to encourage all our majors to take advantage of this outstanding and unique opportunity. Resources will be committed to maintain and expand this facility. The Society of Physics Students club will be challenged to maintain their current very high level of activity. | | |
| [use the information in column 3 to figure out how to improve on the academic, teaching, and support elements of the survey]  The College needs to redesign the survey in order to make it less ambiguous and easier to interpret. Inferences will become more meaningful as our program grows and more students participate in the survey. We need to work on a system that guarantees all students will respond. | | |