University of Puerto Rico at Bayamón
Computer Science Department

Continuous Improvement Plan

Revised October/November 2013
Revision of the CIP

• CIP from previous Cycle
• Renaming of some stages
• Additional Stages
Previous CIP

1. Course Alignment
   - Revise Mission and Vision
   - Surveys delivered

2. Test Admin.
   - Data Gathering and Course Assessment

3. Data Gathering
   - from Surveys, extra-curricular activities
   - And courses

4. Preliminary assessment of outcomes
   - Based on data

5. EO Assessment
   - Changes to Outcomes and criterias

6. Final Analysis and Recommendations

7. Focus Groups if needed
1. EO, Student Outcomes And Perf. Indicators Revision
   → Curricular Revision (if needed) Preparations to the Next Cycle

2. Course Alignment, Syllabus Revision, Assessment Plan Update
   → Graduate Surveys Revised and Deliv. Second Meeting with Faculty (if needed)

3. Post Test Revision, M & V Revision First Meeting with Faculty Collect Data
   → Data from courses, Post Test, and Surveys gathered Preliminary Analysis

4. 

5. Additional Data Gathered and Focus Groups (if needed)
   → Final Analysis And Recommendations

6. 

7. 

8. Revise CIP
Stages

- Last cycle had 7 stages
- Why this have 8 stages?
  - After last cycle there was a gap in time needed to re-adjust the curriculum and prepare to the new cycle.
  - This have become Stage 8.
- Some stages were renamed to accomodate ABET's naming convensions
Stage 1

- On this stage we must revised:
  - Program Educational Objectives (OE)
  - Student Outcomes
  - Performance Indicatores
Stage 2

- Courses are aligned with the revised:
  - Student Outcomes
  - Performance Indicators.

- Syllabus are revised and aligned
  - This is an essential part of the assessment process that have been included within the CIP to emphasize it.

- Assessment Plan is updated
Stage 3

- Post Test is revised
- Mission and Vision is revised and align
  - Meeting with the External Advisory Board
- First meeting with faculty
  - This have been added to include the faculty even more.
  - In this meeting we discuss with the faculty the documents we need.
Stage 4

- Graduate Surveys are revised and Delivered
- Second Meeting with the faculty
  - This is a follow up meeting from the previous stage
Stage 5

- Data is been collected and analyzed from
  - Post Test
  - Graduation Survey
  - Courses
- Preliminary Analysis is performed.
Stage 6

- After the preliminary analysis there is a possibility that we need to gathered additional data.
- Adhoc Focus Groups to analyze additional data are organized if needed.
Stage 7

- Final Analysis is drafted
- Recommendations are done
  - Faculty meeting
- Meetings to the External Advisory Board
Stage 8

- Changes to the curriculum are implemented
  - If major or minor changes are needed the faculty submit them to the Dean of Academic Affairs or the Academic Senate
- Prepare the next cycle.