University of Puerto Rico at Bayamón
Computer Science Department

Continuous Improvement Plan

Revised by Oct. 11, 2011
EO Assessment
Changes to Outcomes and criterias

Preliminary assessment of outcomes
Based on data

Course Alignment
Revise Mission
And Vision
Surveys delivered

Pre-Test Admin.
Data Gathering and Course Assessment

Post Test Data Gathering from Surveys, extra-Curricular activities And courses phase

Final Analysis And Recommendations

Focus Groups if needed

EO Assessment Changes to Outcomes and criterias
Seven Phases

• EO Assessment changes to outcomes and indicators
• Course alignment revise mission and vision surveys delivered
• Pre-Test administration data gathering from course assessment
• Post-Test data gathering from surveys, extra curricular activities and courses
Seven Phases

• Preliminary Assessment of outcomes based on data gathered
• Focus groups
  – If needed
• Final analysis and recommendations
  – Actual changes
Initial Phase

EO Assessment Changes to Outcomes and Indicators

– Educational Objectives
  • Assess by the findings from previous cycle the surveys and focus groups with Program Constituencies

– Student Outcomes Revision
  • Revised based on input from the assessment of the Educational Objectives
  • Alignment of the outcomes with the institutional objectives

– Performance Indicators Revision
  • Revised based on the changes to student outcomes
Second Phase

Course alignment revise mission and vision surveys delivered

- New program indicators need to be aligned with the courses

- If needed:
  - Revision to departments mission and vision based on the constituencies input

- Surveys
  - Revised
  - Delivered or administered
Pre-Test Phase

Pre-Test administration data gathering from course assessment

- Pre-test
  - Revised
  - Administered

- Courses
  - Data is gathered by the professors
    - From test, assignments, projects
    - This is information is stored during all semesters and is compiled during this phase
Post-Test Phase

• Post-Test data gathering from surveys, extra curricular activities and courses
  – Post-Test is:
    • Revised
    • Administered
  – Surveys
    • Decide if the data gathered is sufficient if not continue to gathered information
  – Extra-curricular activities
    • Revision of assessment tools for EC activities
    • Gather information
  – Courses
    • Revised if the data gathered is sufficient
Preliminary Assessment

- Preliminary Assessment of outcomes based on data gathered
  - Determined if all gathered data is sufficient
  - Analyzed data gathered from:
    - Courses
    - Surveys
    - Tests
      - Pre
      - Post
    - Extra-curricular activities
Focus Groups

• This phase is optional
  – The decision of using focus groups are based on the results obtained from the preliminary assessment.
  – Focus groups are used to further analyze the data
Last Phase of the Cycle

• Final analysis and recommendations
  – Complete cycle analysis
  – Recomendations and changes
    • Drafted and presented to the faculty
  – Changes to the program
    • Revision of coursework for improving our program
  – Refinement of the continuous improvement plan (if needed)
  – Prepare next cycle