

**WRIGHT COLLEGE
PROGRAM/DISCIPLINE ASSESSMENT FORM**

Program/Discipline: Chemistry 201

Instructional Manager: Kevin Li

Semester/Year: Fall/2012

Assessment Coordinator: Kris Ochwat

Department Chair: Doris Espiritu

Email: kochwat@ccc.edu

Plan Title: In Depth Analysis of Student Predispositions Affecting the Success in Chem 201.

Part A: Initial Plan: due to your assessment coordinator for review before the Aug 26 Assessment Committee meeting

Part B: Midsemester Update: due to your assessment coordinator for review before the Oct 21 Assessment Committee meeting

Part C: Further Updates: due date will be determined

The current submission is which of the following:

Initial Plan **date: Aug2012**

Mid-year update **date: _____**

Final Report **date: _____**

College Mission: Wright College is a learning-centered, multi-campus institution of higher education offering students of diverse backgrounds, talents, and abilities a quality education leading to baccalaureate transfer, career advancement, and/or personal development.

Program/Discipline Mission: The mission of the Department of Physical Sciences is to provide our students with solid foundations in Chemistry, so that articulation of classes and material content will allow for a seamless transition into their chosen fields of interest. Our charge is to encourage students to view physical phenomena critically and develop insights which will help them discover and understand the principles that govern events in nature. All are encouraged to develop their curiosity, enhance their intellectual skills, progressively mature, and recognize the growing role of science in society.

A. Initial Assessment Plan

Area of Focus:

Chemistry

Your department efforts are to improve learning in what topic/area?

Evidence:

The correlation of pre-semester Toledo assessment and Exit Exam results suggested that there are factors (other than math and chem skills) that influence increase or decrease of success in the course.

What past results have led your department to conclude that this is an area needing attention?

Course(s) of Interest:

Chemistry 201

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What courses will be involved in your plan?

Intended Program Student Learning Outcomes (SLOs)

All of them.

List each relevant SLO that this project pertains to.

Involved Faculty:

Maria Valentino, Kris Ochwat.

List the instructor(s) participating in the assessment process for each outcome listed above.

Assessment/Intervention Process

What: Pre and post semester assessment/survey of logical reasoning and critical thinking skills as well as attitudes toward the subject of chemistry.

Address the following questions:

What approach will be used?

Why:

Why was this process selected?

How: Exit Exam + post-semester assessment/survey

How will student learning be measured?

When: at the end of the semester

When will data collection be completed?

Who will analyze the results?

Who: Kris Ochwat