**IMPERIAL VALLEY COLLEGE**

**Student Learning Outcomes (SLO) Assessment Cycle Form**

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| Date: | March 3 2010 |  |  |
| Department Name: | Science Math Engineering |  |  |

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| Course Number/Title or Program Title: | General Inorganic Chemistry I |

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| Contact Person/Others Involved in Process: | Lead: James Fisher Others: |

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| If course is part of a major(s), and/or certificate program(s), please list all below: | |  |  |  |  | |
| Major(s): | Certificate(s): | | | | |  | |  |  |  |  |
| **AGRICULTURAL BUSINESS MANAGEMENT**  **AGRICULTURAL SCIENCE**  **GENERAL SCIENCE**  **UNIVERSITY STUDIES** |  | | | | |  | |  |  |  |  |

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| Does course satisfy a community college GE requirement(s)? | X | Yes |  | No |  | N/A |

If yes, check which requirement(s) below:

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|  | | American Institutions |  | Language and Rationality – English Composition | | | |
|  | | Health Education |  | Language and Rationality – Communication and Analytical Thinking | | | |
|  | | Physical Education / Activity | X | Natural Science | | | |
|  | | Math Competency |  | Humanities | | | |
|  | | Reading Competency |  | Social and Behavioral Sciences | | | |
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|  | **Student Learning Outcome** | | | | **Assessment Tool**  (e.g., exam, rubric, portfolio) | **Institutional Outcome\***  (e.g., ISLO1, ISLO2) | | |
|  | **Example:** Identify, create, critique, and refute oral and written arguments. | | | | Debate + Debate rubric | ISLO1, ISLO2 | | |
|  | Outcome 1: Summarize Procedures | | | | Laboratory portfolio | ISLO2 | | |
|  | Outcome 2: Collect data | | | | Laboratory portfolio | ISLO3 | | |
|  | Outcome 3: perform calculations | | | | Laboratory portfolio | ISLO4 | | |

**Each SLO should describe the knowledge, skills, and/or abilities students will have after successful**

**completion of course or as a result of participation in activity/program.** A minimum of one SLO is required

per course/program. You may identify more than one SLO, but please note that you will need to collect and

evaluate data for each SLO that you list above. Attach separate pages if needed. *For assistance contact: Toni Pfister* [*toni.pfister@imperial.edu*](mailto:toni.pfister@imperial.edu) *or X6546*

**\*Institutional Student Learning Outcomes: ISLO1** = communication skills; I**SLO2** = critical thinking skills;

**ISLO3** = personal responsibility; I**SLO4** = information literacy; I**SLO5** = global awareness

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| **1. Course Number & Date of Assessment Cycle Completion** | **Course:** Chemistry 200 **Date:** Fall 2009 |
| **2. People involved in summarizing and evaluating data** | 33 |
| **3. Data Results**  Briefly summarize the results of the data you collected. | **Outcome 1, Outcome 2, and Outcome 3:** Each student prepared a detailed pre-lab, which they used in the lab to perform an experiment. Students used their form to collect data. At the end of lab students used the same form to do their calculations. The average score was 8 out of 10 |
| **4. Course / Program Improvement**  Please describe what change(s) you plan to implement based on the above results. | Pretty happy with their write-ups and lab work. For some, they just put the usual amount of hard work into it, for others, they struggled. |
| **5. Next Year** Was the process effective? Will you change the outcome/ assessment for next year? (e.g., alter the SLO, assessment, faculty discussion process, strategy for providing SLO to student)? If so, how? | I’m putting more information in my syllabus and in the lab itself, it should be more clear. |
| **6. After-Thoughts** Feel free to celebrate, vent, or otherwise discuss the process. | I’m a little surprised about the computer literacy of students, it’s quite low, they have trouble writing digital labs? |

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**The ASSESSMENT CYCLE: Closing the Assessment Loop**