

Chemistry Cluster Meeting
24 March 2011
Minutes

Members Present: Ceravalo, J., Chow, E., Judd, C. Ramos, C. Sellers, T. Gupta, S., Shreve, R.

Item 1: What are discipline specific ethics that are currently being used in your courses?

CHM 1020 (to become 1032) CHM 1045 Honors, CHM 1046 Honors: Instructor checking of citations in research papers

Item 2: Information literacy is the ability to find, evaluate, organize, and use information and it is one of the general education learning outcomes at the College. How do faculty in this Cluster approach information literacy through assignments, projects, or activities? Please provide examples.

Same courses as in Item 1 utilize research paper writing

Item 3: Nomination of Courses for Inclusion in General Education. None

Item 4: The General Education Assessment Committee has selected two learning outcomes for the College to target for improvement in Communications and Critical Thinking.

1) The cluster already encourages critical thinking by asking such questions as “What does this mean to you?” and utilizing items on the tests different from the examples in class.

2) The cluster already requires clear written communication on tests, homework, and other course materials.

Item 5: Developmental cluster only

Item 6: voted on in science cluster jointly

Item 7: Making 1046 and 1046L prerequisites to 2210 and 2210L respectively

The cluster agreed to change 1046 and 1046L to prerequisites from co-requisites with the provision that a student may enroll in both upon written approval from the instructor(s).

Item 8: R Shreve asked the cluster about the feasibility of the cluster accepting 2210L in half virtual and half manual format. The cluster’s reaction was negative.

Item 9: E Chow wanted the cluster members to ask their respective department chairs to re-iterate to the chemistry adjuncts to teach course material in 1045 and 1046 according to the college catalog descriptions.

Item 10: Course Number change for current 1020L

It was discussed and agreed that the course number should change from CHM 1020L to CHM 1032L and that the course description be changed coincide with the change from CHM 1020 to CHM 1032,

Item 11: Text book adoptions

According to the time table established at the cluster meeting last October, the following text books were discussed.

1032: It was agreed to adopt the 11th edition of Chemistry: An Introduction to General, Organic, and Biological Chemistry by Timberlake (ISBN 978-0-321-69345-7).

1032L: Laboratory Manual for General, Organic, and Biochemistry by Selfe, S, 2nd ed (ISBN: 978-0-7167-6166-2)

1045L/1046L: Further discussion is required by the cluster but will be decided no later than the end of business on Friday, 6 May 2011.

2210/2211: Further time was given to the cluster to consider a number of texts. After voting was submitted to the cluster chair, Organic Chemistry, by D Klein, 1st edition was adopted . The text will be used for 2210 in the fall of 2011 and both courses in spring 2012.

2210L/2211L: Pavia custom edition will be modified to include two more labs and will then continue in use.

With no further items on the agenda, the meeting was adjourned.