GENERAL EDUCATION COMPETENCIES

As stated in the undergraduate catalogs dated Fall 2006 and after, students must show mastery of a given list of general education competencies by completing a General Education electronic portfolio (GEP). Several activities performed in your General Chemistry Laboratory can be used and tagged as your artifact to show mastery of a few of these competencies. Please see the list below of options that are available to you. Details on how to set up this portfolio can be found on your Blackboard entry page. Scroll down on the right side of the entry page for “CU ePortfolio Gen Ed Checklist”. Scroll down on the left side of the entry page for information on “CU e-Portfolio Creation Steps”. This portfolio is not a requirement of this lab course but is a requirement for graduation under catalogs dated Fall 2006 or later. The student has the liberty to satisfy the 22 competencies with any completed work. The following are some suggestions but are by no means exhaustive or binding. The student has the liberty to satisfy the competency with whatever work they choose.

CH 105L/106L
1. W-1: Demonstrate effective communication skills appropriate for topic, audience, and occasion.
   One of your oral presentations, if done well, can be tagged and used as evidence to satisfy this competency.
2. W-3: Employ the full range of the writing process, from rough draft to edited product.
   The preliminary and final portfolio, if done well, can be tagged and used as evidence to satisfy this competency.
3. R-3: Acquire and analyze information to determine its quality and utility.
   In CH106L the work to fulfill the objective “Effectively communicates relationship between experimental error and experimental results” can be tagged and used as evidence of fulfillment of this competency.
4. M-3: Explain and apply the methods of a natural science in laboratory or experimental settings.
   Completion of objectives 7 and 8 (developing and carrying out procedures to solve problems) can be tagged and used as evidence of fulfillment of this competency.

Remember the above list contains suggestions. The student has the final choice as to which work to use for each competency.

CH 101L/102L
Note: Except for W-1, your final lab report(s), if done well, can be tagged for several General Education competencies.
1. **W-1**: Demonstrate effective communication skills appropriate for topic, audience, and occasion.
   One of your oral presentations, if done well, can be tagged and used as evidence to satisfy this competency.

2. **W-2**: Write coherent, well-supported, and carefully edited essays and reports suitable for a range of different audiences and purposes.
   One of your final lab reports, if done well, can be tagged and used as evidence to satisfy this competency.

3. **W-3**: Employ the full range of the writing process, from rough draft to edited product.
   The preliminary and final lab report, if done well, can be tagged and used as evidence to satisfy this competency.

4. **R-3**: Acquire and analyze information to determine its quality and utility.
   One of your final lab reports, if done well, can be tagged and used as evidence to satisfy this competency.

5. **M-2**: Develop an understanding of the principles and theories of a natural science and its applications.
   One of your final lab reports, if done well, can be tagged and used as evidence to satisfy this competency.

6. **M-3**: Explain and apply the methods of a natural science in laboratory or experimental settings.
   One of your final lab reports, if done well, can be tagged and used as evidence to satisfy this competency.