

Virtual Labs/ Labs-at-a-distance

2011 Harris Teaching
Workshop

Virtual Labs/ Labs-at-a-distance

- Using technology to enhance the pedagogical value of the labs
- Incorporating laboratory work into chemistry courses offered by distance learning

Using technology - manipulations

- Flash
- http://www.chem.ualberta.ca/~orglabs/Videos/Melting%20Point%20Determination/melting_v18.html
- Lab Skills
- http://labskills.co.uk/free-resources/Titration_End_Points_free.html

Using technology - PreLabs

- Électro-Labo on Moodle
- chem draw, math equations on Moodle
- <http://pm-305-patrick.csj.ualberta.ca/moodle/chem/chem.htm>

Labs-at-a-distance

- Home laboratory kits