

Are your students prepared for General Chemistry?



OWL Quick Prep Can Help!

General Chemistry is often one of the first really challenging courses faced by college students. Students can overestimate their “readiness” to do well in this course. Therefore, the University of Massachusetts has developed **OWL Quick Prep for General Chemistry**, an online short course that has proved to be very effective at helping students review key general chemistry concepts that are needed for General Chemistry. Students hit the ground running in the first term of their general chemistry course.

Quick Prep is a flexible system, designed so students can either work independently or you can track their progress through the course and assign credit.



Quick Prep is a web-based course delivered through the OWL system.

- 24-hour access
- Self-paced
- Self-contained (no textbook)
- Taken before the semester begins or during the first few weeks of the course
- Approximately 20 hours to complete
- Includes assessment quiz to direct student's work
- Builds and enhances skill building and review

Topics Covered:

1. Introduction to the OWL System
2. The Structure of Matter
3. Naming Chemical Compounds
4. Measurement and Calculations
5. Calculations Involving Quantities of Matter
6. Chemical Reactions
7. Algebra, Temperature, Density, Graphs and Logs
8. Survey



“The Flash tutorials were great, and it was an amazing help. I did not think something like this existed for students who really want to excel. It was very helpful.”

—General Chemistry Student, University of Massachusetts

"I struggled for a while in my high school chemistry class and wanted a review before I went into my next course so I would have a good basis before the class..."

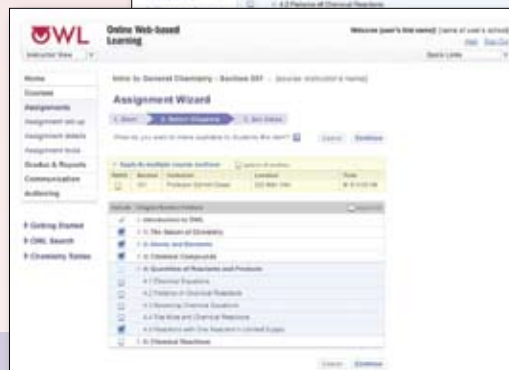
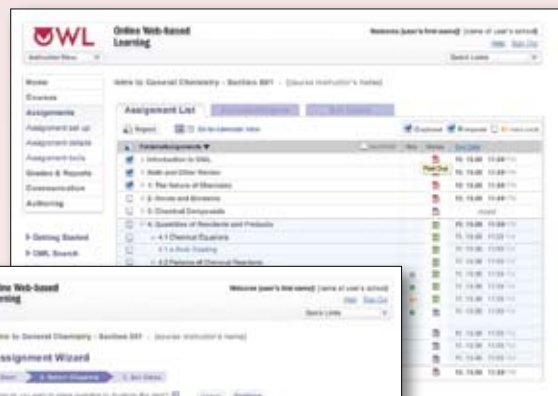
—General Chemistry Student, University of Massachusetts

About OWL OWL (Online Web Learning) is an online learning environment originally created through a joint project between the Chemistry and Computer Science Departments at the University of Massachusetts, Amherst. OWL is currently in use in chemistry departments at more than 300 schools across the United States and Canada.

OWL QuickPrep Authors: Professors Beatrice Botch and Roberta Day, University of Massachusetts, Amherst, William Vining, State University of New York, Oneonta

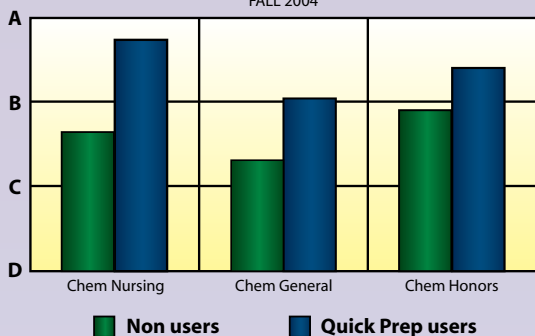
Get More with OWL

- Developed *by* chemistry professors *for* teaching chemistry
- Unique mastery learning pedagogy helps ensure students understand concepts before moving on to new material, and they are not penalized for trying
- Chemical and numerical parameterization encourages students to think about chemistry, not just memorize how to work problems
- Variety of integrated learning resources including integrated homework problems, tutorials and simulations all aimed at enhancing student learning and comprehension
- Diagnostic and flexible gradebook allows you to see your class progress at a glance, identify which students need attention, and much more
- Ability to author and modify questions gives you the ability to customize OWL to fit your needs



AVERAGE GRADE

FALL 2004



Source: University of Massachusetts

Students who completed OWL Quick Prep received higher grades in:

- PreNursing Chemistry
- General Chemistry for Scientists
- Honors General Chemistry

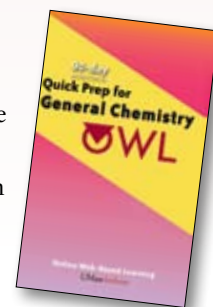


How to Gain Access:

Students: Students can purchase Instant Access to **Quick Prep** for a nominal fee by entering ISBN: 0-495-56030-8 at ichapters.com. Printed access cards will be available at bookstores as well.

Instructors: For more information about **OWL Quick Prep** or to request information to give to your students, please contact your local Cengage Learning representative.

To view a Quick Prep demonstration, please visit OWL Demos at www.cengage.com/owl.



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