



AP[®] Chemistry OPEN FORUM

June 2, 2013

Louisville, KY



- **Meet the Development Committee**
- **Course and Exam Updates**
- **Teacher Support**
- **2014 Reading Dates and Location**

Meet the Development Committee



Co-Chairs

Dave Yaron, *Carnegie Mellon University*

Jamie Benigna, *The Roeper School*

Members

Trinna McKay, *Dunwoody High School*

Paul Price, *Trinity Valley High School*

Angy Stacy, *University of California-Berkeley*

John Hutchinson, *Rice University*

College Board Advisor

John Hnatow, *Goucher College*

Chief Reader(s)

Roger Kugel (designate), *St. Mary's University of Minnesota*

Larry Funck, *Wheaton College*

Fall 2012

- Biology
- Latin
- Spanish Literature & Culture

Fall 2014

- Physics 1: Algebra-based
- Physics 2: Algebra-based
- United States History

Rollout Schedule

Fall 2011

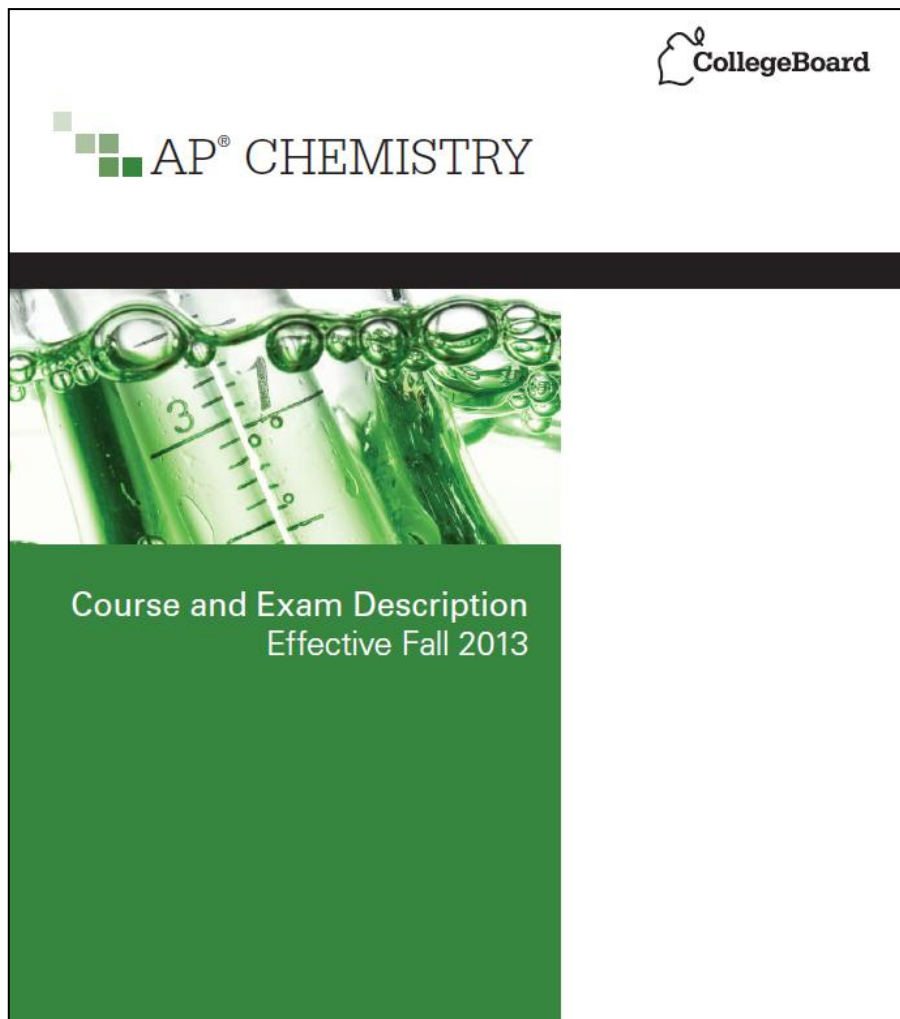
- French Language & Culture
- German Language & Culture

Fall 2013

- Chemistry
- Spanish Language & Culture

AP Chemistry Updates

- It's finally here, the redesigned AP Chemistry Course launch year.



Organization of the **New** AP Chemistry Exam



Section 1:

- 60 multiple-choice questions (with question sets)
- 90 minutes
- 50% of exam weight
- May use Periodic Chart and Formula Sheet
- May NOT use calculator

Section 2:

- 7 free-response questions
 - 3 long and 4 short free-response questions
- 50% of exam weight
- May use Periodic Chart and Formula Sheet
- May use calculator on entire section

- Course and Exam Description
- Course Planning and Pacing Guides (4)
- Sample Syllabi (4) and Syllabus Development Guide
- Higher Ed Validation Results
- Lab Manual/Teacher & Student Versions
- Practice Exam
- Online Teacher Community
- New Professional Development:
 - APSIs (4-5 days)

The screenshot shows the AP Teacher Community website. At the top, there is a navigation bar with links for AP Community, Advances in AP, AP Central, AP Course Audit, AP Online Reports, and More. The CollegeBoard logo is in the top right corner. Below the navigation bar, the AP logo is followed by the text "Teacher Community". A green "Home" button is visible. The main heading reads "Welcome to the AP Teacher Community". Below this is a photograph of four people (three men and one woman) sitting around a table in a library, engaged in a discussion. To the right of the photo is a yellow box titled "Hello AP Teachers!" with text explaining that users are automatically members and providing login instructions. Below the photo is a "Provide Your Feedback" section with an email input field and a "GO" button. At the bottom, there is a "To sign in or learn more:" section with a "Select a Community" dropdown menu and a "GO" button. A paragraph of text describes the community's purpose, and there are links for "Take a tour" and "Get Started Now".



Education Policy & Advocacy	Membership	Testing	College Guidance	K-12 Services	Higher Ed Services	Professional Development	Data, Reports & Research
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AP Central

PRINT PAGE

[Home](#) > [AP Courses and Exams](#) > [Course Home Pages](#) > [AP Chemistry Lab Manual](#)

- HOME
- AP COURSES AND EXAMS
- PRE-AP
- INSTITUTES AND WORKSHOPS
- DISCUSSION GROUPS
- BECOME AN AP READER



AP Chemistry Lab Manual

More About AP Chemistry...

- [AP Chemistry Course Home Page](#)
- [Become an AP Exam Reader](#)

The new AP Chemistry Lab Manual: *AP Chemistry Guided Inquiry Experiments: Applying the Science Practices* features 16 labs where students explore chemical concepts, questions of interest, correct lab techniques and safety procedures. Teachers may choose any of the guided inquiry labs from this manual to satisfy the course requirement of students performing six guided inquiry labs. The manual's unique design enables teachers to guide students through experiments and procedures that are easily tailored to diverse scheduling needs and appropriate for small and large classes.

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The Lab Manual

- Features 16 student-directed, guided-inquiry labs (teacher and student editions)
- Emphasizes scientific inquiry, reasoning, and critical thinking
- Aligns learning objectives with the [AP Chemistry Course and Exam Description, Effective Fall 2013](#), which contains the curriculum framework and sample exam questions
- Enables students to plan, direct, and integrate a range of science practices, such as designing experiments, collecting data, and applying quantitative skills
- Aligns with best practices promoted by the [National Science Foundation](#) and [America's Lab Report](#)
- Includes lists of supplemental resources

Access the Lab Manual

Download the Teacher Manual: Click [here](#) and type in your password. (The teacher manual is password

AP[®] CHEMISTRY

GUIDED-INQUIRY EXPERIMENTS:

Applying the Science Practices

$$\text{CV}^+(\text{aq}) + \text{OH}^-(\text{aq}) \rightarrow \text{CVOH}(\text{aq})$$

- AP Chemistry labs anchored in America's Lab Report.
- Minimum of sixteen hands-on lab investigations
 - Sixteen labs must support the learning objectives of the redesigned course
 - Six of the sixteen must be guided inquiry labs
- Minimum of 25% of instructional time on labs
- *AP Chemistry Guided Inquiry Labs: Applying the Science Practices*
 - New lab manual acts as a resource for teachers to choose six guided inquiry labs to perform

Title: *Implementing Guided Inquiry Activities in the AP Chemistry Classroom*

Editors:

- ▶ Marian DeWane, *University of California–Irvine*
- ▶ Tom Greenbowe, *Iowa State University*

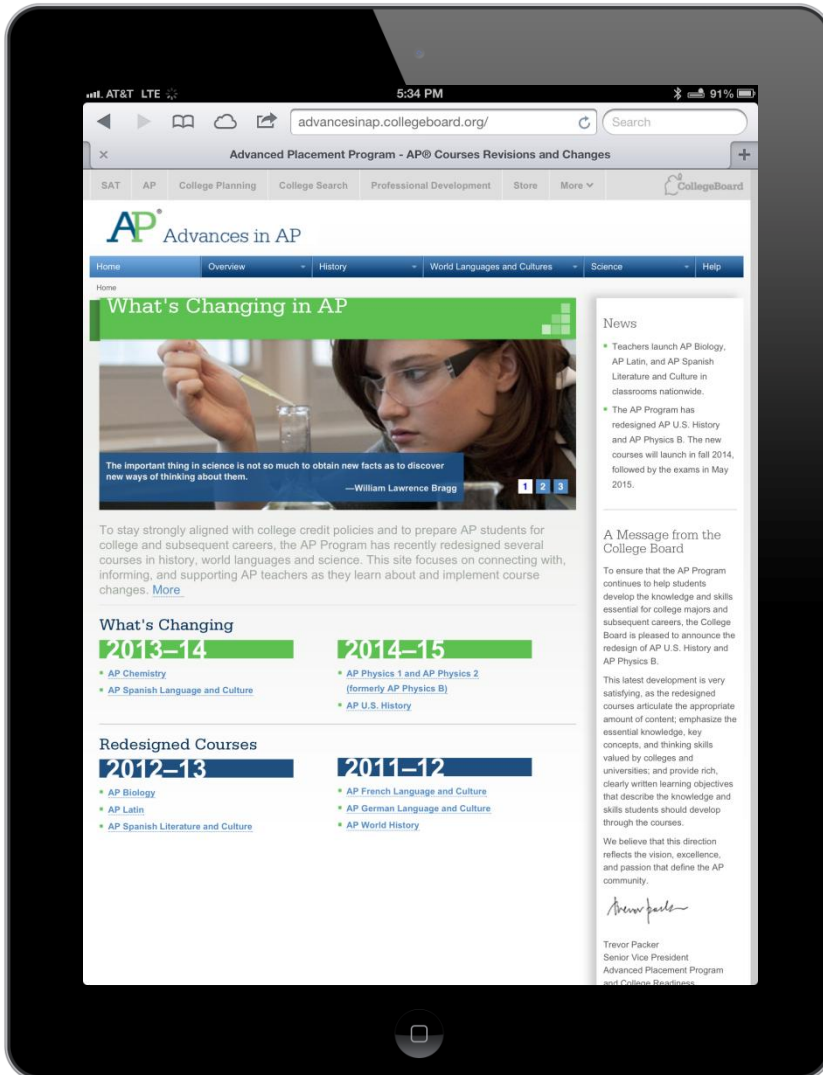
Authors:

- Mike Abraham, *University of Oklahoma*
- John Gelder, *Oklahoma State University*
- Renee Cole, *University of Iowa*
- Laura Trout, *Lancaster Country Day School, PA*

AP Course Audit Timeline & Submission Process



- 2013-14: All AP Chemistry teachers are required to submit a new course syllabus.
 - September 1, 2013: AP's suggested date for submitting syllabi
 - January 31, 2014: Deadline for submitting syllabi
- Submission Options:
 - Option 1: Submit one of the online sample syllabi
 - Option 2: Create your own syllabus/Modify a sample syllabus



Advances in AP provides detailed information and resources on revisions, updates, course audits, and course changes to the Advanced Placement (AP) program.

Go to advancesinap.collegeboard.org for more information.

2014 Reading Dates and Location

June 1-7, 2014, Louisville, KY



Thanks!



Contact information

Serena Magrogan

Director, AP Science Curriculum and Content
Development

smagrogan@collegeboard.org