

Chemistry

(student must be concurrently enrolled in APS co-op chemistry lab)

Grade: 9-12 (course pre-reqs. – see below)

Course Description:

Chemistry is often called the “central science” because it connects other sciences, such as physics, biology, pharmacy, and geology. It is the study of matter at the atomic scale and it has been practiced for thousands of years. While the discipline may change over time as new discoveries are made, there is reassurance in the fact that the basic principles, set in place by God, will never change.

This course will cover measurements and units, atoms and molecules, the first law of thermodynamics, classifying matter, acid/base chemistry and atomic/molecular structure. A brief amount of time will be spent on thermodynamics and kinetics.

Course Fee: \$100 per semester

Material/Admin. Fee: \$15 per semester

**Course Text: Exploring Creation with Chemistry, Dr. Jay Wile
1st Edition**

Course Min.: 8 students

Course Pre-reqs – Completion of Algebra 1 or speak to instructor

Instructor: Jesse Cottrell

Jesse is a graduate of The Masters College with a degree in biological sciences (pre-med emphasis). He is 24 years old, the third eldest of 11 children, and was home schooled until he began college. He has worked at Bethesda missionary hospital on the island of Borneo, and was also an intern at UC Irvine working in the cancer research department. For two years he was concert master of the orchestra at Master’s, and he still actively plays the violin. He is currently pursuing a Masters of Theology from Talbot Theological Seminary and will graduate in May of 2008.

His teaching experience includes teaching science to many of his siblings, tutoring at an after-school program at Sierra Vista Junior High, and teaching chemistry for the APS Co-op in 2005. He has been recommended to us by Dr. Francis (APS Co-op biology teacher) and Dr. Jones, the head of the chemistry department at Master’s.

This is a two semester course and is worth 10 units. A grade will be issued by the instructor at the end of each semester. This course must be taken concurrently with the Chemistry Lab..

Chemistry Registration Form

The cost of this course involves a COURSE Fee, MATERIAL/ADMIN Fee and a Co-Op Fee for each semester. Student must be concurrently enrolled in Chem. Lab.

Check for all three fees must be submitted with this registration form.

Fees may be paid in installments, but **ALL installment payment checks MUST BE INCLUDED with this form and dated as shown below.**

1. Payment of Course Fee: MAKE PAYABLE TO JESSE COTTRELL

1 ck in the amt of \$200 due at time of reg. **OR**

2 cks in the amt of \$100 (#1 with date of reg & ck #2 dated 1/1/08 **OR**

4 cks in the amt of \$50 (#1 with date of reg, ck #2 dated 11/1/07
ck #3 dated 1/1/08, ck #4 dated 3/1/08)

2. Payment of Material/Admin. Fee: MAKE PAYABLE TO CASH

1 ck in the amt of \$30 due at time of reg. **OR**

2 cks in the amt of \$15 (#1 with date of reg. & ck #2 dated 1/1/08)

3. Payment of Co-op Fees: MAKE PAYABLE TO CASH

1 ck in the amt of \$16 due at time of reg **OR**

2 cks in the amt of \$8 (#1 with date of reg & ck #2 dated 1/1/08)

Tear off & return with **ALL PAYMENT CHECKS** mentioned above, plus **SASE** to:

Melody Knight

27141 Rexford Pl., Valencia, CA 91354

Questions?

zmelody@pacbell.net

Registration Dates:

6/1-6/15/07 and 8/27-8/30/07

Chemistry

Parent's Names

Phone No.

Email

@

Student's Names

Grade

New to APS? Please ck. here _____