This course is designed to teach conceptually the mathematics in CSET I:

**In Domain 1, Algebra participants will:**
- receive a rigorous view of algebra and its underlying structures.
- become skilled at symbolic reasoning, using algebraic skills and concepts to model a variety of problem-solving situations.
- understand the power of mathematical abstraction and symbolism. This includes: algebraic structures; polynomial equations and inequalities; functions and linear algebra.

**In Domain 3, Number Theory participants will:**
- receive a rigorous view of number theory and its underlying structures,
- prove and use properties of natural numbers,
- formulate conjectures about the natural numbers using inductive reasoning and verify conjectures with proofs.

<table>
<thead>
<tr>
<th>Tuesdays (4:00pm - 8:00 pm)</th>
<th>Thursdays (4:00 pm - 8:00 pm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 28, 2009—Nobili Room</td>
<td>April 30, 2009—Burns Room</td>
</tr>
<tr>
<td>May 5, 2009—Burns Room</td>
<td>May 7, 2009—Burns Room</td>
</tr>
<tr>
<td>May 12, 2009—Burns Room</td>
<td>May 14, 2009—Nobili Room</td>
</tr>
<tr>
<td>May 19, 2009—Nobili Room</td>
<td>May 21, 2009—Nobili Room</td>
</tr>
<tr>
<td>May 26, 2009—Nobili Room</td>
<td>May 28, 2009—Burns Room</td>
</tr>
<tr>
<td>June 2, 2009—Nobili Room</td>
<td>June 4, 2009—Nobili Room</td>
</tr>
</tbody>
</table>

**Location:** PLACER COUNTY OFFICE OF EDUCATION
Burns Room—360 Nevada Street, Auburn, CA 95603
Nobili Room—11700 Enterprise Drive, Auburn, CA 95603

**Fee:** $150.00 Materials provided. (Dinner not included to keep tuition affordable. Please bring your own brown bag dinner)

Passing the CSET math Subtests I and II enables you to be eligible for a Foundational-Level Math (FLM) Credential if you already have a Single Subject Credential. If you have a Multiple Subject Credential, you can apply for the FLM credential once you pass a Single Subject methods course. The FLM credential allows you to teach Algebra 1, 2 and Geometry at any grade level.

*For an additional fee of $60.00 per unit, you may apply for three (3) semester units through CSU Chico (Details will be provided at the class)*

---

**CSET I Math**
To reserve your space, FAX completed form to Leslie Fairchild at Placer County Office of Education
FAX -530-745-1441 by Tuesday, April 21, 2009.
If you have any questions, please contact lfairchild@placercoe.k12.ca.us or 530-745-1492.

---

**Name**
**E-mail**
**Home Address**
**City**
**Zip**
**Home Phone/Cell Phone**
**School/ District**
**Payment Amount:**
**PO Number**
**Check No.**