California State University, Fresno - Spring 2010
CSET II Preparation Workshop
Wed 5:30 - 8:30 PM & Sat 1:00 - 4:00 PM (Room S2 207)

Instructor:	Oscar Vega
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Course webpage: *http : //zimmer.csufresno.edu/ ∼ ovega/teaching/CSET*

I expect you to come to class prepared to discuss the current material and homework. **If you are absent from class, it is your responsibility to check on announcements made while you were absent and the material covered in class. Contacting me or checking the course's website might be good ideas.**

It is strongly encouraged to work with others in this class, as this could help you to understand better the material taught.

You don't need to buy a book for this class. Materials will be posted on the course's website. However, I would recommend you to get 'Geometry the easy way' by Lawrence Leff, which costs like $1 on amazon.com.

Tentative class schedule

Sat Feb. 20	The basics; points, lines, angles.
Wed Feb. 24	Postulates. The parallel postulate; equivalent statements and negation.
Sat Feb. 27	Congruency. Classical constructions.
Wed March 03	Regular polygons; perimeter, area, angles, similarity.
Sat March 06	Triangles and trigonometry.
Wed March 10	Quadrilaterals; parallelograms, squares, rectangles, rhombi, trapezoids.
Wed March 24	Circles; chords, central & inscribed angles, area, circumference.
Sat March 27	3-D geometry; prisms, planes, cones, volume and surface area.
Wed March 31	Catch up. Practice test.
Wed April 07	The Cartesian plane; coordinates, points, distance.
Wed April 14	Conic sections; circle, ellipse, hyperbola.
Sat April 21	More on conic sections. Transformations.
Sat April 24	Transformational geometry; isometries, dilations.
Sat May 01	Probability & Statistics I.
Wed May 05	Probability & Statistics II.

This syllabus and schedule are subject to change in the event of extenuating circumstances.