



# Mathematical Modeling Institute

## Common Core Mathematical Practice

(Summer 2011)

*The Eight Standards for Mathematical Practice from the new **Common Core State Standards** offer exciting opportunities for students to learn important math concepts and skills through real-life applications. This institute will give you activities and lessons to introduce your students to mathematical modeling while you continue to teach your current curriculum. Prepare now for the transition to the new CaCCSSM standards for mathematics.*

### Who Should Register?

Secondary Mathematics Teachers

### In this Institute you will:

- Engage in mathematical modeling activities that you can use in your classroom
- Understand the process of mathematical modeling for students at your grade level
- Understand the role and function of multiple representations and mathematical models within the process of mathematical modeling
- Review an abundance of resources, including print, internet and video, to support mathematical modeling
- Explore the rich applications of mathematics evident in a variety of careers and in everyday tasks
- Practice questioning strategies that encourage mathematical discourse and critical thinking in your classroom
- Develop a plan so you can introduce mathematical modeling in a way that matches the readiness of your students and your school

### How to Register:

Send an email to Sarah Winter at [swinter@csusb.edu](mailto:swinter@csusb.edu) with the following information (all sections must be filled for a complete registration):

**Important: Please note in your email that you are registering for the "Mathematical Modeling Institute."**

- |                       |                  |                   |
|-----------------------|------------------|-------------------|
| -Name                 | - District       | - Home/Cell Phone |
| - Grade Level         | - Home Address   | - Email Address   |
| - School/Organization | - City/State/Zip |                   |

If you do not receive a confirmation email within 2 business days of submission of your registration, please contact our office at (909) 537-5455 or by email at [swinter@csusb.edu](mailto:swinter@csusb.edu).

**Registration Deadline is June 1, 2011**

### When:

June 20- June 24, 2011

Institute will meet from 8:00am - 3:00pm on the following days:

Monday, June, 20, 2011

Tuesday, June 21, 2011

Wednesday, June 22, 2011

Thursday, June 23, 2011

Friday, June 24, 2011

### Where:

Cal State San Bernardino  
5500 University Parkway  
San Bernardino, CA 92407  
Room: TBA

### Credit:

2 math and 1 education units of College of Extended Learning Credit are available.

### Stipend:

\$100/day for participants who have their registration fees paid by their district.

### Institutes/District fees:

\$500/participant- Purchase Order must be submitted by June 1, 2011. (District fees will be waived for participants who do not take a stipend)

## District Support Letter

On behalf of \_\_\_\_\_ Unified School District, I support \_\_\_\_\_'s

application to participate in the program offered by the Inland Counties Math Project (ICMP).

We confirm that this applicant follows district regulation for registration.

**This District Support Letter guarantees the \$500.00 co-payment.**

**The Purchase Order number is \_\_\_\_\_,**

**OR**

**The PO will be supplied to ICMP by June 1, 2011.**

Name of Institute: Mathematical Modeling Institute (Summer 2011)

Signature: \_\_\_\_\_

Title: \_\_\_\_\_  
(Assistant Superintendent of Curriculum, School Principal, or equivalent, or representatives.)

Printed Name \_\_\_\_\_ Date \_\_\_\_\_

Telephone number: \_\_\_\_\_

Email Address (please print clearly) \_\_\_\_\_

**Either fax this letter to (909) 537-7006 or mail it to:**

Inland Counties Mathematics Project  
Department of Mathematics  
California State University San Bernardino  
5500 University Parkway  
San Bernardino, CA 92407



**Inland Counties Mathematics Project**  
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Website: <http://icmp.math.csusb.edu>