1. Desired Term: Summer 2006

2a. Course abbreviation and Number: EDUC E1044

2b. Abbreviated Title:
    Math Improvement (Math Camp)

Year of implementation: 2006

4. Number of Units: 2
5. Billing Units: 2

6. Allowed Student Levels: UG X GR X EE X (Default is to check all three levels)

7. Grading Method:
   _N_ Normal (N) (Default is Letter Grade +/-, Students may request Credit/No Credit)
   _NP_ Normal Plus Report-in-Progress (NP) (As for Normal; also allows Report-in-Progress)
   _C_ Credit/No Credit Only (C)
   _CP_ Credit/No Credit or Report-in-Progress Only (CP)

8. Mode of Instruction:
   (See pages 17-23 at http://www.calstate.edu/cim/data-elem-dic/APDB-Transaction-DEF-SectionV.pdf for definitions of the Course Classification Numbers)

<table>
<thead>
<tr>
<th>Type of Instruction</th>
<th>Number of Credit Units</th>
<th>Instructional Mode (Course Classification Number)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture</td>
<td>2</td>
<td>02</td>
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9. Attributes:
   Course Requires Consent for Enrollment? Yes X No
   Faculty ___ Credential Analyst ___ Dean ___ Program/Department - Director/Chair

Prerequisites: ________________ Co-requisites: ________________

10. Does this course impact other discipline(s)? (If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.) Yes x No
    If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

   Support ___ Oppose ___
   Discipline ____________ Signature ____________ Date ____________

   Support ___ Oppose ___
   Discipline ____________ Signature ____________ Date ____________

Important: Please Complete

1. Instructor: Tom Bennett

2. Please complete the Extension Course Proposal Form
   http://www.csusm.edu/academic_programs/curriculum_forms/index.html

SIGNATURES: (COLLEGE LEVEL)

1. Program Director/Chair ____________ Date ____________
   N/A

2. College Dean (or Designee) ____________ Date ____________

   Signature ____________ Date ____________

   (UNIVERSITY LEVEL)

3. Dean of Extended Studies (or Designee) ____________ Date ____________
   ____________ 08/15/06

   Vice President for Academic Affairs (or Designee) ____________ Date ____________
   ____________ 8/15/06
In planning the components of our Extended Studies program at Cal State San Marcos, this office consults closely with the academic colleges and departments to determine the suitability of course content, teaching methods and instructor qualifications. To assist us in evaluating your proposed course for credit, please submit this completed form to our office as soon as possible. Questions before you submit? Call me at (760)750-8713.

- **Course Title:** Math Improvement (Math Camp for Teachers) EDUC E1044

- **Course Description:**
The purpose of this course is to support classroom teachers grades 2-12 mathematics. More specifically, this course is designed to help teachers make informed teaching decisions based on their understanding of the mathematics content to be taught each year based on the California Content Standards, their assessment of student thinking, and effective teaching practices based on research.

- **Course Objectives:**
Students will be able to design effective mathematics units in Fractions and Algebra for students grades 2-12 that consider issues of content, student thinking, and effective instructional practices.

- **Evaluation:**
Teachers will each develop teaching units on Fractions and Algebraic Reasoning that make use of what they learned. These units will then be taught to their students and lesson study will be implemented to further assess their effectiveness in the classroom.

- **Course Length:**
August 7-11th, from 8:00 am until 5:00 pm each day, a total of 40 contact hours with follow-up work each night.

- **Proposed Date(s):** August 7-11, 2006.

- **Location:**
Course will be taught off campus at the North County Regional Education Center in San Marcos. This is a new facility with all of the resources necessary to run this course.

- **Support Needs:**
North County Regional Education Center and San Diego Office of Education will provide all materials & technology

- **Comments:**
This program has received funding support from GEAR UP, NCCEP, and ATT Supplemental Grant Program and has been organized and facilitated cooperatively by Vista Unified School District and SD County Office of Education.

*When completed, please return this form, along with an up-to-date resume (with teaching references) to: Catherine Boyle, Office of Extended Studies, Cal State San Marcos, 333 S. Twin Oaks Valley Rd., San Marcos, CA 92096; FAX: (760)750-3138; E-mail: cboyle@csusm.edu*
GEAR UP, NCCEP, and AT&T
Supplemental Grant Program

MATH CAMP
for Teachers

An Innovative Institute with
Focused Follow-up to Improve Math
Achievement & Scores in Algebra.
— For Math Teachers at WMS, LMS, VHS, RBVHS, & VFA.

August 7 - 11, 2006
8:00 a.m. - 3:00 p.m.
Location: TBD, in North County

Teachers will receive:
- $1000 Stipend (must attend all 5 days);
- Usable Lesson Plans;
- Free Flash Drive (must attend all 5 days);
- Free Continental Breakfast, Snacks & Lunch daily;
- Free GEAR UP/Math Camp Dress Shirt;
- Participating teachers will have the opportunity to meet and follow-up with Math Camp participants during the academic year.

The workshops will be taught by Dr. Tom Bennett of CSU San Marcos. Dr. Bennett is the new Associate Vice President for Strategic Planning and Assessment for CSUSM. Dr. Bennett has also been a professor of Mathematics Education at CSUSM and served as a researcher for UCLA. He received his B.A. degree from SDSU in Mathematics, his master’s degree from United States International University, and a Ph.D. in Education from UCLA. Dr. Bennett has expertise in assessment, teaching, and student learning.

Math Camp for Teachers is organized and facilitated by Tina Shinsato, Math Department Chair of Vista High School and Renee Kollar, Math Department Chair of Rancho Buena Vista High School. For more information, please e-mail Tina Shinsato (tshinsat@vusd.k12.ca.us) or Renee Kollar (rkollar@vusd.k12.ca.us).

To Sign-Up: Fill out the attached application and return it to your principal or to Tina and/or Renee.