



Understanding and Teaching Division and Fractions

July 14 -18, 2008

Wilson Hall, Westfield State College

Cost - \$730 which includes 3 graduate credits

For Elementary Teachers

In order to satisfy the requirements of the Massachusetts Mathematics Curriculum Frameworks, teachers themselves have to understand mathematical topics well enough and deeply enough to design successful lessons for their students. Students need both procedural understanding (*e.g.* the steps of long division), as well as conceptual understanding (*e.g.* why dividing by 0 is illegal).

Participants in this course will acquire mastery level skills, and an in-depth understanding of the topics of division and fractions, through hands-on exploration and discovery. Lessons will take place in a relaxing collegial atmosphere, and will incorporate a chance for participants to develop relevant lessons for their own classrooms.

Follow-up session required during school year.

To register or for more information contact the CENTER at 413-572-8065 or email pmiller@wsc.ma.edu