

1096-97-527

Elizabeth A. Burroughs* (burroughs@math.montana.edu), Department of Mathematical Sciences, Montana State University, Bozeman, MT 59717-2400. *Three Specialized Courses for Preparing Secondary Mathematics Teachers.*

The major in mathematics with a teaching option at Montana State University includes, among other mathematics and education coursework, three specialized courses focusing on mathematics for teaching. The courses are titled *Higher Mathematics for Secondary Teachers*, *Modern Geometry*, and *Mathematical Modeling for Teachers*. Though the courses have been an essential part of our mathematics teaching program at MSU for nearly two decades, the *Mathematical Education of Teachers II* report has provided our faculty members the opportunity to reexamine the content and articulation of these courses. I will discuss some of our successes and challenges in teaching these courses and invite audience members' ideas and reactions. (Received September 05, 2013)