1023-G1-563   **Herbert E. Kasube*** (`hkasube@hilltop.bradley.edu`), Department of Mathematics, Bradley University, Peoria, IL 61625. *An Upper Level Series of Mathematics Courses for Prospective Middle School Teachers.*

The State of Illinois offers two ways in which one may certify to teach mathematics in the middle school. One is the "traditional" mathematics major who certifies to teach at both the middle and secondary school levels. The second route is an "endorsement" attached to an elementary school certificate. This talk discusses the upper level mathematics courses developed in response to this latter path. These courses cover geometry, number theory and the history of mathematics. Connections with the 2001 CBMS MET document will be noted. (Received September 18, 2006)