

1086-97-2504      **Katherine Socha\*** (ksocha@mathforamerica.org). *Coursework in Applied and Computational Mathematics at the High School Level*. Preliminary report.

Last Fall, the working group discussions on possible ‘Intro to STEM’ coursework at the high school level were wide-ranging, thoughtful, and provocative. This portion of the mini-symposium will provide an overview of our critical questions, discuss data likely needed to address the questions, make recommendations for next tasks (including research topics), and explore links with both college readiness and undergraduate curriculum issues. Even within our small working group, many different viewpoints were expressed about the presence, success, and appropriate role of applied and computational mathematics within the K-12 educational framework. Please join us to explore these ideas further in a constructive conversation. (Received September 25, 2012)