

1135-L1-862 **Michelle Homp*** (mhomp3@unl.edu), Center for Science, Math, Computer Education, 251 Avery Hall, University of Nebraska, Lincoln, NE 68588. *Facilitating Active Learning in Online Mathematics Courses.*

The University of Nebraska - Lincoln offers graduate courses for secondary mathematics teachers seeking professional development opportunities or pursuing the Master of Arts for Teachers degree from the Department of Mathematics. The face-to-face sections of these courses are highly interactive, with groups collaborating to complete tasks, present ideas and discuss different solution strategies during class time. This presentation will discuss how the interactive features of the in-person courses have been replicated in an online setting. These features include strategies for engaging students in meaningful small and large group discussions, for managing collaborative tasks, for providing timely feedback, and for orchestrating student-student and teacher-student interactions around the mathematics content. Successes and challenges of the various online active learning strategies will be shared along with feedback from past students. (Received September 20, 2017)