Achieving active learning in the classroom today involves more than interspersing short lectures with problems for students to work individually or in groups. It involves finding creative ways to use a variety of technological tools to engage students fully inside and outside the classroom. We will discuss how we attempt to do this. Inside the classroom, the instructor projects digital ink showing each step of his (or the student’s) solution and students use their cell phones to record their attendance and to answer questions projected to the entire class. Core content worksheets focus student attention on the objectives in each class, and application group projects encourage students to work together on a problem that expands their understanding. Outside the classroom, an online interactive text, via Top Hat, motivates students to read and to view short videos, to answer graded Quick Check questions, and to complete graded homework problems. Our course management system houses not only the typical documents, but also optional remediation videos and worksheets. The Discussion Board stimulates discussions, not only on math concepts, but also on time-management, study, and test-taking tips. WebEx enables some online office hours. (Received September 07, 2019)