1145-R1-816   **Mahmud Akelbek*** (`makelbek@weber.edu`), Department of Mathematics, Weber State University, Ogden, UT 84408. *Implementing MATLAB Programming to Beginner Users in Math Courses.*

Using MATLAB to teach computation and modeling exposes students to a powerful tool for research and discovery. MATLAB is one of the commonly used software in our university. Many of our math major students are dual majors, either computer science , engineering or many other science majors. Their background in any computing software also varies widely. In this talk, we will present hybrid approach to teaching computation using various recourses. We will also talk about some of the challenges encountered when teaching computation and strategies to develop students competence in computations. (Received September 15, 2018)