

1116-S1-1903 **Paul E. Seeburger*** (pseeburger@monroecc.edu), Monroe Community College, 1000 E. Henrietta Rd., Rochester, NY 14623. *Valuable Course Components for an Online Differential Equations Course*. Preliminary report.

How do we effectively teach a course like differential equations online? I will share the approach I took to this task and demonstrate and discuss the tools I used to help my students master the material of this course. These tools included: lecture videos recorded in my face-to-face classes, WeBWorK problem sets, freely available OER textbooks, written assignments, visualization tools, graded online class discussions, and student video presentations of example problems. Each of these course components played an important role in the success of my students, and I will explain their benefits from my perspective and from what students said about using them. (Received September 21, 2015)