1154-C5-2218 **Kenneth M Monks*** (kenneth.monks@frontrange.edu). *Building a Differential Equations course on collaborative Overleaf projects: better instructor feedback, active learning benefits during homework, and zero cost!*

Sometimes an OER consists of a free or low-cost textbook; other times it is a total departure from the traditional model of centering a course around a textbook. Here, we look at a recent redesign of an undergraduate Differential Equations course, replacing the textbook with Overleaf projects. Overleaf is a free shared-editing platform for LaTeX projects. We created one Overleaf project per topic, each of which houses definitions, theorems, examples, homework, links to external resources, and discussion boards. The key is that the students are not only responsible for writing up solutions to homework problems in Overleaf, but are also responsible for peer-reviewing each other's work. This creates a component of active learning traditionally not present in homework! This has also enabled the instructor to provide better feedback in less time and incorporate far more student writing into the course. (Received September 17, 2019)