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**Blerta Shtylla\***, Mathematics Department, Claremont, CA 91711. *An interdisciplinary group approach to teaching Differential Equations: Experiences and challenges.*

In this talk, I will discuss the incorporation of online tools and short group projects in an introductory Differential Equations Course with modeling. The students enrolled in this course come from a variety of disciplines, such as natural sciences, economics, and social sciences, so the incorporation of a variety of modeling examples and short projects has been a necessary component for teaching. I will discuss my implementation of group projects, the establishment of student working groups and the joys and challenges of incorporating computational software in the class. Furthermore, a series of examples of online lesson building and class wikis will be shown. (Received September 10, 2013)