Creating a Differential Equations Course using the Backward Design Process
Jonathan Weisbrod, Rowan College at Burlington County

This article describes the development of a differential equations course, utilizing Wiggins and McTighe's (2005) Backward Design Process. Each step of the process is described and applied to activities in the course leading to student achievement of learning outcomes. Positive qualitative results from students are included.

Jonathan Weisbrod is an assistant professor of mathematics at Rowan College at Burlington County, a public community college in southern New Jersey. He teaches mathematics courses ranging from prealgebra to differential equations and regularly advises students in research. He serves in professional societies as the South Vice-President of MATYCNJ, the Vice-Chair for Two-Year Colleges of MAA-NJ, and a member of the Committee on Two-Year Colleges with the MAA.