1056-Z1-833   **A. Dale Magoun*** (`magoun@ulm.edu`), University of Louisiana @Monroe, Dept of Mathematics & Physics, Monroe, LA 71209, **A. Serpil Saydam** (`saydam@ulm.edu`), University of Louisiana@Monroe, Dept of Mathematics & Physics, Monroe, LA 71209, and **Charlotte H. Owens** (`owens@ulm.edu`), University of Louisiana@Monroe, Monroe, LA 71209. *Reversing the Pattern of Low Performance in College Algebra Using the National Center for Academic Transformations' Roadmap Model.*

Mathematics classrooms at many universities have incorporated new approaches to student learning by the National Center for Academic Transformations' (NCAT) roadmap to redesign (R2R). This article discusses each of the major components of designing a new technology-based curriculum, the development of a mathematics resource center to support the curriculum, and the results of two years of the implementation of the R2R approach at our university. (Received September 17, 2009)