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The University of Arkansas at Little Rock has well established and ongoing assessment programs for all of its degree programs and for the core (general education) curriculum. Core assessment focuses on the question “Do students achieve, as a result of courses in the core curriculum the competencies (the ‘core competencies’) required for that curriculum?” Core competencies include critical thinking, historical consciousness, information technology, international awareness, mathematics, and verbal literacy. Recently, the university has focused on a new question, “How do courses in degree programs contribute to students attaining the core competencies?” We will discuss how assessment instruments currently used in our mathematics degree program can measure student achievement in the core competencies. We will also discuss possibilities for new assessment instruments for mathematics degree programs that assess attained skills in the core competencies. (Received September 20, 2007)