

1023-Z1-634

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*The review of relevant mathematical content for the teaching of middle and secondary mathematics via a methods course: An integrated approach.* Preliminary report.

This paper will discuss how a methods course will utilize the review of undergraduate mathematical content for its use in the teaching middle and secondary mathematics. This methods course, Instruction and Assessment in Mathematics Education, is being offered to Adelphi University's Bridges students at the Adelphi's Manhattan Branch. The Bridge Program is populated with students who are seeking a Masters and initial New York State teaching certification for mathematics in the middle/high school. These students are also second career seekers who are employed in careers that utilized some of the mathematical content learned during their undergraduate tenure. These students possess a minimum of 24 undergraduate mathematical content hours. This method course utilizes the review of undergraduate mathematical content relative to the New York State's Board of Education's Mathematics Core Curriculum for middle and secondary mathematics. Teaching methods along with issues related to assessment and epistemology will direct the conceptual framework of this paper. (Received September 19, 2006)