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Michael J. Bosse* (mbosse@dsc.edu), Dept. of Mathematics, Delaware State University, 1200 N. DuPont Hwy, Dover, DE 19901. *Mathematics Curricula for Students with Differentiated Learning Needs*. Preliminary report.

Many students with mathematics learning disabilities, or developmental needs often unreached by traditional curricula, can be significantly assisted in their learning of mathematics concepts and techniques by utilizing the capabilities of word/math processing techniques to develop appropriate curricula. The employment of color within mathematics as a teaching/learning technique is often overlooked in the development of curricula for students with specific learning needs. Additionally, students often miss the interconnection of concepts from seemingly different fields of mathematics (intersection and conjunction; union and disjunction; compliment and negation). This presentation demonstrates a curriculum developed for liberal arts mathematics for students with specific, non-traditional learning needs. (Received September 14, 2000)