

Mathematical Sciences Colloquium Series Presents:

IMPLEMENTING A MODIFIED MOORE METHOD IN A FRESHMAN COLLEGE ALGEBRA CLASS

Speaker: Luke Walsh

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During the fall semester of 2006, Luke Walsh created a case study of his college algebra class concerning the implementation of his own modified Moore method. The class consisted of all freshman students and it met Monday through Thursday for fifty minutes. The overall objective of the method was to coach students to be independent learners in a cooperative teaching environment and, as result, measure how it impacts these five specific areas:

1. the amount of time they spend on reading the text of the course
2. the amount of time they spend on communicating to the instructor outside the classroom
3. the amount of time they spend on coursework outside of class
4. their attitude towards mathematics
5. a student's ability to articulate their math understanding.

Luke will first discuss in detail about the development of his modified Moore method. Then he will report the happenings and results from the case study. Finally, the talk will conclude by inquiring the possibility of students having two distinct sides: an academic side and a learner side.