

## Changing Embedded Student Attitudes within a Mathematical Setting

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### Abstract

Many students see mathematics as a required, but unpleasant subject. They perceive mathematics as isolated, having no relationship to life, no relationship to future career needs, and no connections to other college courses. Student attitudes and beliefs in mathematics quite often block the knowledge that we as instructors want them to obtain. Coming from a background of memorized algorithms and frustrating mathematics course experiences, students often bring an attitude of defeat with them to the first day of class.