

1035-97-1695 **Dan Boros*** (dboros@otterbein.edu), One Otterbein College, Westerville, OH 43081. *An Intermediate Algebra experimental class.*

The course "Intermediate Algebra" represents a real challenge to many college students. Many students spend large amounts of time studying mathematics yet their results are not consistent with the effort spent studying. The lack of success in learning mathematics could be the result of not knowing how to learn mathematics. I will report on an experimental class I have taught each fall for the last three years that added two extra hours of direct student contact per week. The additional time was spent on how to learn mathematics, the mathematical way of thinking, effective study habits and many other like topics. (Received September 20, 2007)