

Is this you?



*"I'm good with math homework,  
but freeze up on tests"*

*"I think I understand math but I  
can't get the right answer"*

*"I always make silly mistakes"*

*"When it's time to do math,  
I get nervous"*

*"I might pick my major to avoid  
taking math classes"*

This course is for anyone who's  
ever uttered the words, *"I can't."*  
Because the truth is you can.

## INDI 2992: Topics – Strategies for Problem Solving with Math

2-credit course Offered in J-Term  
Tue, Wed, Thu 3:30-5:50 pm

Questions? Contact Yvonne Ng  
([ysng@stkate.edu](mailto:ysng@stkate.edu) or  
651-690-6859)

Your instructor: *Mary Karlsson*  
*Professional Engineer, Senior*  
*Transit Planner, and lover of math*  
*(even though it was always scary!)*

## Strategies for Problem Solving

with Math



**Explore options...  
Embrace potential...  
Overcome challenges.**

INDI 2992

## Doing math is like playing a game ... it involves strategy.



### Explore Options...

Did you know about **41%** of college majors at St. Catherine University require at least a statistics level of mathematics including:

- Business, science, and economics, which lead to financially-stable careers and families
- Sociology, psychology, and critical studies of race and ethnicity, which can greatly influence public policies
- Occupational and physical therapy, healthcare management, and sales that affect the health and well-being of the greater community

### Embrace Potential...

You have come to the University – explore your career options, including those that involve math. If you're nervous about math, let us help you fully embrace your potential! Strategies for Problem Solving with Math is a course designed to help you embrace your full potential by building confidence in math.

*Strategy-based problem solving fosters things like critical thinking abilities, abilities to present a logical and persuasive argument, creative problem solving, and building confidence ... skills and abilities that are useful far beyond simply doing math.*

*Got a plan for getting through and standing out? Join us for an opportunity to strengthen your math and develop your strategy.*



### Overcome Challenges

By guiding you through reflection on your own strengths and challenges, the course will help you develop skills in strategy-based problem solving with math including: reading and interpreting problem statements, identifying and implementing problem solving strategies and resources, working effectively alone and in study teams, and test taking. These are invaluable skills for moving forward in your career both in college and beyond.

The specific content of the course is based on your needs – be it finally understanding fractions, decimals, percents, and/or graphs. Let's chase those math phobias away once and for all ... join us in the J-term.