

Check Out the Quality of Instructors at Centralia College



Meet
Associate Professor
Mark Brosz !!

Do you enjoy:

- Working with numbers?
- Solving mysteries?
- Working with theories
- Explaining how things work?
- Calculating statistics?

Do you want to pursue a career in:

- Computer programming?
- Engineering?
- Teaching math?

Maybe you should consider becoming a mathematician.

Mathematics: "The study of the measurement, properties, and relationships of quantities, using numbers and symbols." American Heritage College Dictionary, 3rd Ed.

Make an impact!

STEM (Science, Technology, Engineering, Math)

Meet Associate Professor Mark Brosz

Brosz is a former Centralia College student himself who has earned a BA in Mathematics Education with a minor in Physics Education from UW, Seattle. His Masters in Education degree is currently in progress at the UW, Tacoma.

Work Experience:

- 1996-2001 Adjunct math instructor at Centralia College
- 2001-present Associate Professor of Developmental Mathematics at CC
- Prior to 1996, Mark was self-employed as a musician.

Why is Mathematics cool?

"Mathematics is a cultural phenomenon that illuminates how the human mind organizes information within its environment."
"Mathematics is less about the natural world and more about how we think."

Mark Brosz

What do students say?

"Mr. Brosz helped me get past my fear of math! Wow, I couldn't believe it!"

"I used to hate math. Mr. Brosz helped me see math as a way of thinking. Cool!"

"When I get my degree, I'm going to owe Mr. Brosz a huge 'thank you' because he helped me get through the math classes, and I actually learned how math works!"

"Mr. Brosz helped me understand math is kind of like a puzzle—each piece has to work together."

Career possibilities:

About $\frac{3}{4}$ of all mathematicians are employed by colleges and universities. Most of these teach; others do research.

Mathematicians in private industry work in aerospace, communications, and electrical equipment manufacturing.

Most mathematicians who work for the federal government are involved in space or defense-related projects.

Statisticians, actuaries, systems analysts, and computer programmers all use mathematics. So do pharmacists, nurses, and model testers.

Interested in the choices?

Do the Math !!

The state-of-the-art science center will be ready for classes Fall Quarter of 2009!

(Check out the building progress on the website www.centralia.edu)

Mark Brosz is just one more reason you should choose Centralia College; it's the **Best Choice!**

More than one formula for success!

STEM (Science, Technology, Engineering, and Math)

Salary

Average of \$40,000 with a BS, \$42,500 with a Master's Degree, and Ph.D. \$55,000.

While some mathematics career paths are highly competitive, the diverse opportunities make this an excellent choice.

According to Brosz, careers that need math as part of the background include:

"Most careers in science require a **STRONG** background in mathematics. Whether it is in the hard sciences (physics, chemistry, biology) which require calculus, or the soft sciences (psychology, sociology, anthropology, etc.) which require knowledge of statistical mathematics, the way concepts are expressed in these fields is through mathematics."



Centralia College

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