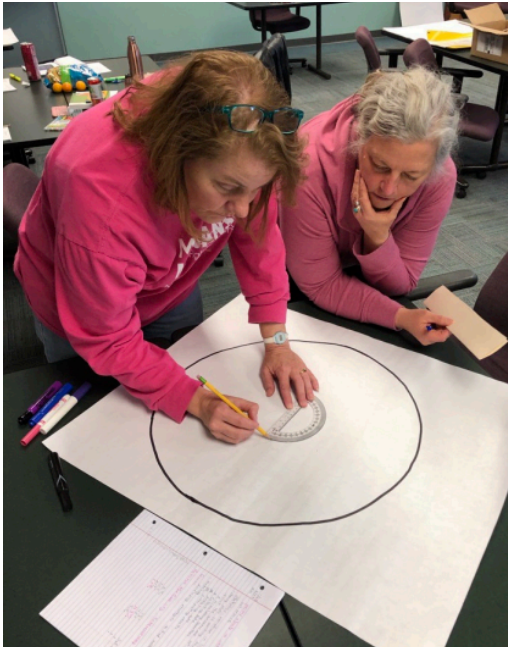


# GEOMETRY FOR TEACHERS

Summer 2026 Professional Development opportunity offered by  
Vermont Mathematics Initiative



Location:  
VTSU Campus, Williston, VT



## Course information

Dates/Times: July 6-10, 2026

8:30-4:30 Monday, 8:00-4:00 Tuesday-Friday

Tuition: \$2037 (with 3 VTSU Graduate Credits);

Includes a catered lunch each day and hotel accommodations for those who live more than an hour from Williston. Hotel is available Monday-Thursday nights.

To register: Use the QR code,  
visit [tinyurl.com/vmismummer](https://tinyurl.com/vmismummer)  
or contact Kathryn Delay  
([kathryn@vmimathematics.com](mailto:kathryn@vmimathematics.com))



This course introduces teachers to the study of Geometry, a major area of mathematics in its own right, but one that is also integrally related to other areas of mathematics. This course highlights the intimate relationship among arithmetic, algebra and geometry and examines the importance of geometric imagery, the characteristics of geometric figures, and the idea that behind every measurement lies a geometric concept. This course examines decomposing, rearranging and shearing as a way to understand why a measurement formula works; symmetry as an important geometric concept; and, the use of conjecture in geometric investigations.

*"This class gave me a greater sense of the breath and depth of geometry as a discipline. So many cool connections to real life! I have never created a proof for the Pythagorean Theorem before or made connections between triangles and circles - it was a new way to look at the world and makes me excited to dive deeper into math theory."*

*-Summer 2025 participant*

