



For questions, please contact Susan Ojala (susan@vmimathematics) or Judi Laird (judi@vmimathematics.com)

Discrete Mathematics June 23-27, 2025

Where: VTSU/VTC campus, Williston VT

Dates/Times:

- June 23-27, 2025
 - Class times are 8:30-4:30 (Monday) and 8:00-4:00 (Tuesday-Friday)

Tuition: \$2037.00 includes 3 VTSU Graduate Credits, a catered lunch each day, and hotel accommodations for those who live more than one hour from the VTSU campus in Williston.

Instructors: Priscilla Bremser, VMI and Professor Emeritus, Middlebury College; Kaaren Meyer, Mathematics Instructional Coach, Stowe Elementary

This course will fulfill the Discrete Mathematics requirement for the Vermont Mathematics Specialist Endorsement.

DISCRETE MATHEMATICS FOR EDUCATORS

Summer Semester 2025

Discrete math topics are becoming more common in high school curricula and there is an escalating need for teachers to understand the ideas, methods and applications in this area in order to be better prepared to facilitate student discovery. In this course, teachers will look deeply at the fundamental ideas which span seemingly unrelated topics, and will develop a problem solving habit of mind towards the subject. This course in discrete mathematics will draw from topics in the following areas of study: basic counting methods, the binomial theorem, recursion, modular arithmetic, graph theory, set theory, logic, Latin squares, number bases and finite differences. The course is structured in a problem solving format which will promote assisted discovery, communication of process & examination of alternate solution routes.

To register:

Use the bar code or go to <https://www.surveymonkey.com/r/CRM9YSG> to register.

