VMI

Summer 2023
Mathematics Professional Development Offering

Where: Hampton Inn, Colchester, VT 8:00-4:00 daily
Tuition: $1953.00
Includes: 3 Graduate Credits, all materials, a catered lunch
     each day, and overnight lodging (for those who live more
     than an hour away)
Instructors:
     Susan Ojala, VMI
     Bradley Beth, Northern VT University - Lyndon

Course is open to all interested educators including VMI master's program graduates, High School mathematics teachers, special educators and interventionists.

For questions about the course content, please contact Susan Ojala (susan@vmimathematics.com)
For questions about registration, payment or other concerns, please contact Judi Laird (judi@vmimathematics.com)

DISCRETE MATHEMATICS FOR EDUCATORS

June 26-June 30, 2023

Discrete math topics are becoming more common in high school curricula and there is an escalating need for teachers to get exposure to ideas, methods and applications in this area in order to be better prepared to facilitate student discovery. This can only happen after teachers have looked deeply at the fundamental ideas which span seemingly unrelated topics, and have developed the habits of mind consistent with mature problem solving. Although this course covers many topics not typically taught in high school, it presents numerous examples of the Common Core standard of mathematical modeling. 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, Latin squares and tournaments, and fair division and voting methods. This one-week course will be structured in a problem solving format which will promote assisted discovery, communication of process & examination of alternate solution routes.

To register: click here or paste https://www.surveymonkey.com/r/ 6M3XZHX into your browser.