

**The Virginia Mathematics and Science Coalition's
The Virginia Mathematics Specialists Project (VMSP)
Second Summer Program 2005**

The Virginia Mathematics and Science Coalition (VMSC) is proud to announce that it will receive support from the Virginia Department of Education (VDOE) to continue *The Virginia Mathematics Specialists Project* for a second year. We are now accepting applications for this year's courses and institutes. As part of its initiative to place mathematics specialist in our K-8 schools, the VDOE anticipates continuing this support into the future.

In 2004 the VMSC and its partner institutions received a VDOE Mathematics and Science Partnership (MSP) grant to establish collaborative master degree programs for mathematics specialists at three universities¹ and to begin training the first cadre of specialists. Sequences of 5 mathematics courses² and 3 leadership courses are being developed. The program will be offered in a cohort model. The program will be available to participants from all regions of Virginia through summer residential institutes and courses offered locally where justified by enrollments. The Numbers and Operations course is a prerequisite for the remainder of the program.

Places are available in the following institutes and courses.

2005 VMSP Summer Institutes		
Topic	Location	Dates
Numbers & Operations	Emory & Henry College	June 20 th – July 1 st
Geometry & Measurement	College of William & Mary	July 5 th – July 15 th
Probability & Statistics	Longwood University	July 24 th – August 5 th

2005 VMSP Summer Courses		
Topic	Location	Dates
Probability & Statistics	Richmond, VCU	August 1 st – August 12 th
Probability & Statistics	Norfolk, NSU	June 20 th – July 1 st

The Specialist Endorsement and Degree Programs: The anticipated Virginia K-8 Mathematics Specialist teacher endorsement will require a master degree with at least 21 hours of undergraduate or graduate mathematics and a set of competencies including content pedagogy and leadership. The VMSP has implemented a common degree program at the three universities of NSU, UVA, and VCU. This program is specifically designed for mathematics specialists. Approved program credits will be freely transferred between these and other partner institutions.

¹ Norfolk State University (NSU), University of Virginia (UVA), and Virginia Commonwealth University (VCU).

² Numbers and Operations, Geometry and Measurement, Rational Numbers and Proportional Reasoning, Algebra and Functions, and Probability and Statistics.

The VMSP's program is intended for individuals who are nominated by their school divisions and who intend to complete those parts of the program they will need to qualify for the Mathematics specialist endorsement. Grant funding is available through the summer of 2006 to support teachers enrolled in the project's mathematics courses.

- Participants attending a 3-credit residential summer institutes receive room and board, texts and materials, \$700 stipends, and a tuition reduction of \$150. Sponsoring school divisions are expected to pay the remaining tuition and fees.
- Participants taking 3-credit non-residential specialist mathematics courses in the summer receive texts and materials, \$350 stipends, and possibly a tuition reduction of \$150. (In some cases the reduction has already been applied to the stated rate, so individuals need to check with the offering university.) Sponsoring school divisions are expected to pay the remaining tuition and fees.
- Participants taking a 3-credit specialist mathematics course during the academic year receive texts and materials and possibly a tuition reduction of \$150 (In some cases the reduction has already been applied to the stated rate, so individuals need to check with the offering university.), but no stipends. Sponsoring school divisions are expected to pay the remaining tuition and fees.
- To receive stipends participants will commit to take at least two of their mathematics courses as residential institutes and enrolling in one of the 3-credit mathematics leadership courses that will be offered at sites across Virginia during the following school year. No financial support is available for the students taking leadership courses.

Additional Mathematics Specialist Courses. Additional mathematics specialist courses are being offered during the coming year. These may be taken by teachers in the VMSP, but most are not officially part of the project. These will include the following list of course offerings and several more expected offerings. Some details are not in place yet.

Additional Specialist Courses		
Topic	Location	Dates
Rational Numbers & Proportional Reasoning	Stafford, UVA	June 20 th – July 1 st .
Probability & Statistics	Stafford, UVA	July 11 th – July 22 nd .
Algebra & Functions	Richmond, VCU	July 18 th – July 29 th
Algebra & Functions	Norfolk, NSU	July 11 th – July 22 nd
Geometry & Measurement	Abingdon, UVA	2005 - 2006
Leadership In Math. Ed. I	Abingdon, UVA	2005 - 2006
Leadership In Math. Ed. II	Charlottesville, UVA	2005 – 2006
Leadership In Math. Ed. II	Richmond, VCU	2005 – 2006
Leadership In Math. Ed. II	Norfolk, NSU	2005 – 2006
Algebra Institute		Summer 2006

Enrollment and registration information and information about the degree programs may be obtained through the following contacts:

Norfolk State University, Dr. Phillip McNeil, (757) 823-8820, pemcneil@nsu.edu

University of Virginia, Terri Bandarra, (434) 982 – 4946, tab8a@virginia.edu
Virginia Commonwealth University, Karen Murphy, (804) 828-1301 X155, kamurphy@vcu.edu
Enrollment information for the summer institutes is available from Terri Bandarra at UVA.