

SOUTH COOK MATHEMATICS INITIATIVE

The Department of Mathematics, Statistics and Computer Science, in conjunction with the Learning Sciences Research Institute, is pleased to offer the following graduate credit course through the UIC Office of Continuing Education. This course is offered through the South Cook Mathematics Initiative and can lead to a middle grades endorsement or can be applied to a Master of Science in Teaching of Mathematics. The Initiative provides teachers from participating school districts with an opportunity to strengthen their knowledge base and have a better understanding of the teaching and learning of mathematics.

PARTICIPATING SCHOOL DISTRICTS

Ridgeland SD 122

Oak Lawn - Hometown SD 123

Atwood Heights SD 125

Alsip-Hazelgreen-Oak Lawn SD 126

Cook County SD 130

Calumet SD 132

Prairie Hills SD 144

South Holland SD 150

South Holland SD 151

Harvey SD 152

Calumet City SD 155

Elementary District 159

County Club Hills SD 160

Park Forest-Chicago Heights SD 163

Chicago Heights SD 170

Sunnybrook SD 171

Steger SD 194

Thornton Township HSD 205

Bloom Township HSD 206

Community HSD 218

Rich Township HSD 227

Oak Lawn Community HSD 229

MTHT 465 – TEACHING ALGEBRA FOR UNDERSTANDING

COURSE DESCRIPTION: This course is designed to enhance the teacher's understanding and teaching of algebra. Content that will be explored includes expressions, linear and quadratic equations, graphs, polynomials, use of graphing calculators and problem solving. A strong foundational understanding of rational numbers, variables and algebraic expressions, graphing functions and experience solving mathematical problems is required.

CREDITS: 4 graduate credit hours

DATES AND TIMES: 5/10 – 5/31, Tuesdays, 4:30 p.m. – 8 p.m.; 6/7 & 6/9, 4:30 p.m. – 8 p.m.; 6/14 & 6/16, 1 p.m. – 5 p.m.; 6/21 – 6/30, Tuesdays & Thursdays, 3:30 p.m. – 7:30 p.m.

INSTRUCTOR: Maisie Gholsen

TUITION: \$1620 plus a \$60 non-refundable administrative fee. If you teach in a participating district, you are eligible to apply for a two-thirds tuition and fee subsidy. If you are awarded the subsidy, your total out-of-pocket cost is \$560. To apply for the subsidy, please go to www.go.uic.edu/SCMIsubsidy. Teachers in other school districts in the South Cook service area may apply for enrollment in the course and will be accepted if space allows. However, the SCMI subsidy only applies to the teachers in the participating school districts. If you are not eligible for a tuition subsidy, you have the option to enroll in these courses as a self-paying student. Please visit the Office of Continuing Education Web site at www.oce.uic.edu or call (312) 996-8025 for detailed enrollment information. Note to UIC degree students: You will be assessed campus range tuition and fees for this course. If you qualify for a subsidy, it will be applied to your account and you will be responsible for the balance of your student account.

LOCATION: South Cook Intermediate Service Center 4, 253 West Joe Orr Road, Chicago Heights, IL 60411

For questions regarding the subsidy application process, contact Jocelyn Hare
by phone (312) 355-0019 or e-mail jhare@uic.edu.

Please note: This course is subject to cancellation if minimum enrollment is not met.