



MEd

Continued

Mathematics (1-6, 5-8, or 8-12)**COURSE OFFERINGS PLAN / PREREQUISITES**

Professional Seminar, Independent Learning Project	every term
MAT618 Math Essentials	every term
MAT623 Teaching Numerical & Geometric Structures.	every term
MAT708 Diagnosis & Remediation of Learning Problems in Mathematics	every term
MAT605 Technol. in Math (preqs. 607, 609, 611, 613)	Fall
MAT609 Euclidean Geometry	Fall
MAT625 Number Theory (req. MAT611)	Fall
MAT611 Calculus I (preqs. MAT607, 609)	Fall, Spring
MAT615 History of Math (preqs. MAT607, 609, 611)	Fall, Spring
MAT790-791 Practicum and Practicum Seminar	Fall, Spring
MAT631 Calculus II (req. MAT611)	Spring
MAT613 Discrete Math (preqs. MAT607, 609)	Spring
MAT621 Data Analysis	Spring
MAT635 Applied Math (preqs. MAT611, 631)	Spring
MAT603 Arithmetic to Algebra	Summer
MAT607 College Algebra	Summer
MAT627 Abstract Algebra (req. MAT607)	Summer
MAT629 Non-Euclidean Geometry (req. MAT609)	Summer
MAT633 Probability & Statistics (req. MAT613)	Summer

Prerequisites as listed or program chair's approval.

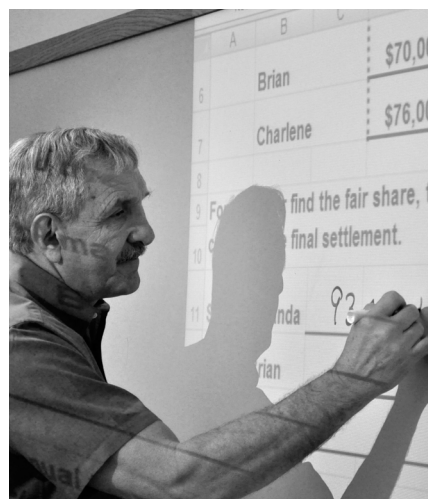
Graduate Certificate**Mathematics Specialist Certificate**

12 credits, 2 terms

This program is best suited for current classroom teachers who wish to add mathematics as a new subject area to their professional skills; and to new teacher candidates entering the teaching profession who are non-mathematics majors, and who wish to earn a highly qualified title to their academic experience and broaden their teaching careers as a mathematics specialist or mathematics coach.

Choose math specialist option in elementary/middle school or high school math, and take courses as outlined below.

3-credit courses for your Math Specialist choice		Elem/Middle School	High School
MAT603	Arithmetic to Algebra: Developing Math Patterns & Ideas	•	
MAT623	Teaching Numerical & Geometric Structures.	•	
MAT615	History of Math.	•	•
MAT708	Diagnosis & Remediation of Learning Problems in Math	•	•
MAT611	Calculus I	•	•
MAT609	Euclidean Geometry	•	•



(All courses @ 3 credits except as noted.)