PREREQUISITE WORKSHEET FOR
MASTERS IN MATHEMATICS EDUCATO z ^

The courses listed below, or their equivalents, are required prerequisites for the Math Education Graduate Program. Fill out thn TJ 0 Tc 6.228 0 Td ( )Tj EMC ET /P <</MCID 9 >>BDC BT -0.004 Tc 0.006 Tw 11.04 0 0 11. students enrolling have completed the G.E. A.1 requirement.

Institution: _____   Semester or Quarter/Year: _____

Course Number: _____   Grade: _____

MATH 341. Number Theory
Divisibility, congruences, number theoretic functions, Diophantine equations, primitive roots, continued fractions. Writing proofs.

Institution: _____   Semester or Quarter/Year: _____

Course Number: _____   Grade: _____

MATH 355. College Geometry
Transformations, motions, similarities, geometric objects, congruent figures, axioms of geometry and additional topics in Euclidean and non-Euclidean geometry. Writing proofs.

Institution: _____   Semester or Quarter/Year: _____

Course Number: _____   Grade: _____

MATH 380. Probability and Statistics
Frequency interpretation of probability. Axioms of probability theory. Discrete probability and combinatorics. Random variables. Distribution and density functions. Moment generating functions and moments. Samplin theory and limit theorems.

Institution: _____   Semester or Quarter/Year: _____

Course Number: _____   Grade: _____