

CONTENT AREA PREPARATION ALIGNMENT ASSESSMENT: SECONDARY MATHEMATICS

Revised 2010

NAME _____

SSN _____

The M. Ed. in Secondary Education requires an understanding of mathematics content. The mathematics content required is addressed in this questionnaire and is aligned with:

- *content area standards proposed by the District of Columbia Teacher Certification and Licensing Office*
- *mathematics content standards of the National Council for Accreditation of Teacher Education (NCATE), and*
- *mathematics concepts that must be mastered in order to pass the Praxis II Mathematics Test*

Undergraduate Courses

1. Did you complete an undergraduate major in mathematics **Yes** **No**

2. List the college level mathematics courses you have completed for each NCTM/ NCATE Standard.

In order to meet the content standards candidates must list coursework that demonstrates knowledge of each NCTM/NCATE standard at the credit level indicated with a minimum of 36 credits.

(See the **Content Preparation Course and Topic Alignment Guide for courses**)

Coursework that demonstrates knowledge of			
(9) Numbers and Operations; (15) Measurement:	6 Credits Required	Credits Earned	Grade
Course Name			
(10) Different Perspectives on Algebra	9 Credits Required	Credits Earned	Grade
Course Name			
(11) Geometries:	3 Credits Required	Credits Earned	Grade
Course Name			

(12) Calculus:	6 Credits Required	Credits Earned	Grade
Course Name			
(13) Discrete Mathematics:	3 Credits Required	Credits Earned	Grade
Course Name			
(14) Data Analysis, Statistics, and Probability:	9 Credits Required	Credits Earned	Grade
Course Name			

TOTAL NUMBER OF CREDITS TAKEN: _____

Credits Earned: _____

GPA in Mathematics Courses _____

Content Knowledge

Date Taken _____ Score _____ Meets DC Standards yes no

Proofs, Models, and Problems Part I

Date Taken _____ Score _____ Meets DC Standards yes no

Pedagogy

Date Taken _____ Score _____ Meets DC Standards yes no

<p>Applicant's Signature _____ Date _____</p> <p>Math Deficiencies (Advisor's Use Only):</p>
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