**Endorsement Worksheet - Mathematics (Grades 6-12)**

**\*Not for use for demonstrating Multiple Measures of Content Competency\***

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| **Applicant** |

Legal name: Date:

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| **Requirements** |

**Professional competency in this content area must be demonstrated by one of the following pathways:**

1. 24 semester hours of college-level coursework completed at a regionally accredited college/university that meet the minimum requirement in each of the areas listed below (must have a B- or higher in each category). Documented professional development or work experience in the specific categories may satisfy up to 6 semester hours.

**OR**

**B.** A bachelor’s or higher degree in Mathematics.

**OR**

**C.** A passing score on the following Mathematics content exam:

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| **Required content coursework categories** | **Coursework (B- or better)** | **Semester Hours** | **FOR OFFICE USE ONLY** |
| **Number, Algebra, and Modeling** (6 semester hours)  e.g., Number Theory, Discrete Mathematics, Graph Theory, Linear Algebra, Modern/Abstract Algebra, Numerical Analysis, Complex Analysis, Intro to Mathematical Modeling, Functions and Modeling |  |  |  |
| **Calculus** (6 semester hours)  A two-course sequence in calculus, e.g. Calculus I and Calculus II. Can also include calculus-based courses such as Calculus III, Multivariable Calculus, Differential Equations, and Real Analysis |  |  |  |
| **Geometry** (3 semester hours)  e.g., Modern Geometry (i.e., includes non-Euclidian Geometry), Euclidian Geometry, Geometric Transformations |  |  |  |
| **Data Analysis, Statistics and Probability**  (3 semester hours)  e.g., Introduction to Statistics, Probability and Statistics, Statistics for Engineering and Science |  |  |  |
| **Perspectives, Philosophy, and the History of Mathematics** (3 semester hours)  e.g., History of Mathematics, Philosophy of Mathematics, Perspectives on Mathematics and Mathematics Education |  |  |  |
| **Mathematics Teaching Methods** (3 semester hours)  e.g., Principles of Teaching Mathematics, Methods of Teaching, Secondary Math, Teaching Secondary Mathematics **OR**  3 additional semester hours in one of the above content areas |  |  |  |
| **Total semester hours (24 semester hours required)** | |  |  |

PRAXIS #5161 / 152 or higher **OR**

PRAXIS #5165 / 159 or higher