COLORADO
Department of Education

Educator Talent Division
http://www.cde.state.co.us/educatortalent

Endorsement Worksheet - Mathematics (Grades 6-12)

Not for use for demonstrating Multiple Measures of Content Competency

Applicant

Legal name: Date:

Requirements

Professional competency in this content area must be demonstrated by <u>one</u> of the following pathways:

A. 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:

- ☐ PRAXIS #5161 / 152 or higher **OR**
- ☐ PRAXIS #5165 / 159 or higher

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)			