



Secondary Mathematics (Grades 7-12)
Added Endorsement/Alternative License Content Evaluation Worksheet

Applicant

Legal name: _____ Date: _____

Requirements

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

- A. Documented evidence from an accepted, regionally accredited college or university indicating completion of 24 semester hours of college level coursework that meet the minimum requirement in each of the areas listed below. This may include a maximum of six semester hours of documented professional development or work experience.
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

Content coursework requirements	Coursework	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 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)			