



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. Hold a degree in Mathematics.

OR

C. A passing score on one (1) of the following Mathematics content exams: (Check one option below and upload a copy of your official score report)

A passing score of 152 or higher on Praxis #5161

A passing score of 220 or higher on the PLACE #04 (the last administration for all PLACE exams will be May 6, 2017 and will be accepted for 5 years until May 6, 2022)

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 higher-level, 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			
Total semester hours (24 semester hours required)			