



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 one (1) of the following Mathematics content exams: (Check one option below and upload a copy of your official score report)
 - PRAXIS #5161 / 152 or higher
 - PLACE #04 / 220 or higher

The last administration for all PLACE exams was on May 6, 2017 and will be accepted 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 areas | | | |
| Total semester hours (24 semester hours required) | | | |