



Requirements for the Mathematics, K-8 Endorsement

Arizona Department of Education – Certification Unit

Endorsement Information:

This Mathematics, K-8 endorsement is optional but may be required by local governing boards. The endorsement is recommended for those holding the position of mathematics specialist, consultant, interventionist, or coach. The endorsement shall be automatically renewed with the certificate on which it is attached.

Administrative Requirement Checklist:

The following items are required by the Certification Unit to complete a Substantive review. The Administrative requirements must be submitted as described; if not, the processing of your application could be delayed. Application fees are non-refundable.

- Application & Fee:** Complete the [Application for Certification](#) and submit it with the appropriate fee.
- IVP Fingerprint Card:** Submit a photocopy of your valid [Arizona Department of Public Safety](#) Identity Verified Prints (IVP) fingerprint card, (plastic card), with your application.
- Prerequisite Certificate:** A valid Arizona Elementary or Special Education Certificate.

➤ **Out-of-State Certificate/License:** If you hold a valid, comparable Mathematics, K-8 certificate or endorsement from another state submit a copy of the certificate with the above items. The additional documents listed below are not required for applicants who qualify under certification reciprocity rules.

- Teaching Experience:** Verification of three (3) years full-time teaching experience in K-8. Forward the [Verification of PreK-12 Teaching Experience](#) form to your district/charter school HR office for completion and submission to certification@azed.gov.
- Official Transcripts:** Request that your university/college submit official transcripts documenting the required coursework directly to certification@azed.gov, or by mail to Arizona Department of Education – Certification Unit, P.O. Box 6490, Phoenix, AZ 85005.
 - *Note:* Transcripts submitted by the applicant via the online portal or by email are not considered official. If you completed coursework or degree(s) from an institution outside the United States a course-by-course evaluation from a Department-approved agency is required. Please see the [Foreign Credential Evaluation Agencies Information](#) list for instructions.
- Subject Knowledge Exam (if applicable):** Submit a copy of your passing score report on the appropriate AEPA/NES Subject Knowledge exam, or appropriate documentation to qualify for an exam waiver.

Substantive Requirements

All requirements listed below must be met. The requirements for the Mathematics, K-8 endorsement are:

1. **Prerequisite Certificate:** A valid Arizona elementary or Special Education Certificate.
2. **One** of the following (Option A, B, or C):
 - **Option A – Mathematics Coursework, Mathematics Education Coursework, and Teaching Experience.**
 - A-1. Eighteen (18) semester hours of mathematics coursework to include **all** of the following:
 - Three semester hours of data analysis, probability, and discrete mathematics;
 - Three semester hours of geometry and measurement;
 - Six semester hours of patterns, algebra, and functions; and
 - Six semester hours of number and operations.
 - A-2. Six semester hours of mathematics education coursework to include:
 - Three semester hours of mathematics classroom assessment;
 - Three semester hours of research-based practices, pedagogy, and instructional leadership in mathematics.
 - A-3. Verification of three years of full-time teaching experience in grades K through eight.



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- **Option B: Subject Knowledge Exam, Mathematics Education Coursework, and Teaching Experience**
 - **B-1. Subject Knowledge Middle Grades Mathematics Exam.** One of the following:
 - **Arizona Educator Exam:** A passing score on the [AEP/NES](#) Middle Grades Mathematics (NT203), Mathematics (Middle Grades and Early Secondary) (NT105), or Mathematics (NT304) exam.
 - **Out-of-State Exam:** A passing score on a substantially similar subject knowledge exam from another state or agency. If you passed a substantially similar Praxis exam, please submit a copy of the score report and request that scores be reported by ETS to the Arizona Department of Education (8517). For other exams, please forward the [Verification of Out-of-State Exams](#) form to the state agency that accepted the exam; this form must be completed and submitted directly by the state agency to Certification@azed.gov.
 - **NBCT:** A valid comparable certificate from the National Board for Professional Teaching Standards in Mathematics, Early Adolescence or Mathematics, Adolescence, and Young Adulthood. Submit a copy of the certificate.
 - **Degree in Mathematics:** A Bachelor's, Master's, or Doctorate degree in Mathematics from an accredited institution.
 - **Teaching Experience:** Verification of three (3) years full-time teaching experience in any states, including Arizona, in a grades 6-12 Mathematics classroom. Please forward the [Verification of PreK-12 Teaching Experience](#) form to your district/charter school HR office for completion and submission to certification@azed.gov. *Note:* Experience teaching in a foreign school and substitute experience will not meet this requirement.
 - **Post-Secondary Teaching:** Experience teaching courses relevant to Mathematics for the last two consecutive years, and a total of at least three years, at one or more regionally or nationally accredited postsecondary institutions. Submit a verification letter from a department chair, dean, or personnel director, verifying employment for the specific durations from one or more qualifying postsecondary institutions.
 - **Work Experience:** Demonstration of expertise in Mathematics through five years of relevant work experience. Submit one of the following:
 - **District/Charter School Letter.** A letter, on official letterhead, from a superintendent or personnel director verifying that the applicant demonstrates knowledge or skill in the subject area that is comparable to holding a bachelor's degree, master's degree, or doctoral degree in Mathematics through five years of work experience, as identified in a resume; or
 - **District/Charter/Private School Letter.** A letter, on official letterhead, from a public or private school superintendent or personnel director in this state or in another state, verifying that the applicant has five years of experience teaching the most advanced Arizona academic standards, or comparable out-of-state standards, in Mathematics; or
 - **Employer Letter.** If an applicant is unable to obtain a letter from a superintendent or personnel director described above, the applicant may submit a letter (on official company letterhead) from a current or former supervisor detailing their work experience. The Department will review the letter to determine if the applicant has five years of work experience that demonstrates knowledge and skills in the requested subject area that is comparable to holding a bachelor's degree, master's degree, or doctoral degree in Mathematics.
 - **B-2. Six semester hours of mathematics education coursework to include:**
 - Three semester hours of mathematics classroom assessment;
 - Three semester hours of research-based practices, pedagogy, and instructional leadership in mathematics.



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B-3. Three years of full-time teaching experience in grades K through eight.

- **Option C: Out-of-State Certificate or Endorsement.** The applicant holds a valid, comparable Mathematics Endorsement, K-8 in another state and is in good standing with that other state. Submit a photocopy of your out-of-state certificate or endorsement.

Pursuant to section 41-1093.01, Arizona Revised Statutes, an agency shall limit all occupational regulations to regulations that are demonstrated to be necessary to specifically fulfill a public health, safety, or welfare concern. Pursuant to sections 41-1093.02 and 41-1093.03, Arizona Revised Statutes, you have the right to petition this agency to repeal or modify the occupational regulation or bring an action in a court of general jurisdiction to challenge the occupational regulation and to ensure compliance with section 41-1093.01, Arizona Revised Statutes