Requirements for the Computer Science, PreK-8 -Endorsement

Arizona Department of Education – Certification Unit

Computer Science, PreK-8 Endorsement

Requirements for the Computer Science, PreK-8 Endorsement are:

1. **Application:** Submission of a completed Application for Certification and the appropriate fee (see Application for Certification).

2. **AZDPS IVP fingerprint clearance card:** A photocopy of your valid Arizona Department of Public Safety Identity Verified Prints (IVP) fingerprint clearance card.

3. **Prerequisite Certificate:** A valid Arizona Standard Professional Early Childhood, Elementary, Middle Grades, Secondary, Special Education, or PreK-12 Teaching certificate;

4. **Option A or B**

   Option A: Computer Science Coursework/Trainings. Both of the following (A-1 **and** A-2) are required:

   A-1.   Three semester hours in foundations for teaching computer science which addresses the following topics:

   - Introduction to computer science;

   - Inclusive recruitment, retention, and pedagogical strategies for computer science education;

   - Computational thinking;

   - Instructional planning based on the Arizona state standards for computer science, or comparable computer science.

   A-2.   Six semester hours in computer science to include the following:

   - Three semester hours in teaching and learning programming for educators; and

   - Three hours in a computer science elective which may include, but is not limited to, physical computing or mobile computing.

   ➢ *District/Charter School Training Option:* Completion of a training program through an Arizona public local education agency (district or charter school) or an accredited college or university may substitute for the required semester hours of coursework. Fifteen clock hours of training, or the equivalent competency-based credential, is equivalent to one semester hour of college coursework. Completion of training programs must be verified by a public-school superintendent or personnel director, or by the appropriate administrator of an accredited college or university.

   Option B: Out-of-State Computer Science, PreK-8 Certificate or Endorsement

   B-1.   The applicant holds a valid, comparable Computer Science, PreK-8 certificate or endorsement from another state and is in good standing in that other state.

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Application Checklist

- ☐ Completed Application for Certification
- ☐ Appropriate Fee (See Application for Certification)
- ☐ A photocopy of your valid Arizona DPS IVP fingerprint clearance card.
- ☐ Valid Prerequisite Standard Professional Teaching Certificate
- ☐ Documentation to meet Requirement # 4:

    Option A. Official transcript(s) and/or a verification letter from a district/charter school superintendent or personnel director, or the appropriate administrator of a college or university documenting the required semester hours of coursework or clock hours of training; or

    Option B. A photocopy of your valid, comparable out of state certificate.