

**National Board Certification**      <http://www.nbpts.org/>

Requirements

- a) Bachelor's degree
- b) 3 or more years full time teaching experience
- c) Possess teaching license (or the equivalent)

Fees

- a) \$65 application processing charge
- b) \$500 initial fee due by 12/31
- c) \$2000 additional due by 1/31

**Mathematics/Adolescence and Young Adulthood. Portfolio deadline 3/31.**

**Entry 1: Developing and Assessing Mathematical Thinking and Reasoning."**

**[Weight: 16%]** In this entry, you choose two instructional activities and two student responses to each activity that demonstrate how you are able to design a sequence of learning experiences that builds on and gives you insight into students' conceptual understanding of a substantive idea in mathematics, within the context of instruction that enhances students' abilities to think and reason mathematically.

**Entry 2: [Weight: 16%]** In the Adolescence and Young Adulthood/Mathematics portfolio, there are two entries based on video evidence, one of which is "**Entry 2: Instructional Analysis: Whole Class Mathematical Discourse.**" In this entry, you will provide a 15-minute video recording of a lesson that demonstrates how you use a classroom discussion and targeted questioning to develop student understanding about an important mathematical idea.

**Entry 3: Instructional Analysis: Small Group Mathematical Collaborations"**  
**[Weight: 16%]** is the other Adolescence and Young Adulthood/Mathematics entry based on video evidence. In this entry, you will provide a 15-minute video recording of a lesson that demonstrates how you interact with students working in small groups in order to promote mathematical discourse and to develop student understanding about an important mathematical idea.

**Entry 4 [Weight: 12%]** In the Adolescence and Young Adulthood/Mathematics portfolio, the entry based on documented accomplishments is "**Entry 4: Documented Accomplishments: Contributions to Student Learning.**" In this entry, you illustrate your partnerships with students' families and community, and your development as a learner and collaborator with other professionals by submitting descriptions and documentation of your activities and accomplishments in those areas.

**ASSESSMENT CENTER EXERCISES [Weight: 6.67% each]**

- Exercise 1: Algebra
- Exercise 2: Calculus
- Exercise 3: Discrete Mathematics
- Exercise 4: Geometry
- Exercise 5: Statistics and Data Analysis
- Exercise 6: Technology

Each component is graded by a score from 0 – 4. The weighted average must be 263 or higher to become certified. Retakes of individual components are possible @ \$350 each.