

Office Use Only
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Name: \_\_\_\_\_ Social Security # \_\_\_\_\_

**Transcript Review Worksheet**

**Endorsement # 11 – MATHEMATICS**

**Instructional Level: 7-12**

*The holder is authorized to teach mathematics in grades 7-12.*

**Additional Requirements:** A major in mathematics, or the equivalent in undergraduate and/or graduate coursework in mathematics. **(The equivalent of a major is defined as at least 30 credits, at least nine (9) of which shall be advanced undergraduate courses or higher.)** A minimum of a practicum, or the equivalent, at the middle/secondary (7-12) level in science, social studies, English, or math. (A practicum is defined as a minimum of sixty hours of supervised field experience.)

**REQUIRED TESTING: Praxis II Subject Assessment: Mathematics - Test Code 0061 OR 0063**

**In order to qualify for this endorsement, the candidate shall demonstrate the following:**

Content Topic	College/ University	Course Number	# of Credits	Course Title
<b>Specific content recommended for middle grades and high school teachers in The Mathematical Education of Teachers 2001, (Conference Board of the Mathematical Sciences) including:</b>				
<i>a.</i> Algebra and Number Theory				
<i>b.</i> Geometry and Trigonometry				
<i>c.</i> Functions and Analysis				
<i>d.</i> Data Analysis, Statistics, and Probability				
<i>e.</i> Discrete Mathematics and Computer Science				
Development of students' mathematical thinking, common misconceptions in mathematical reasoning held by students and implications for instruction				
History of mathematics				

Equity issues and strategies in mathematics education				
Mathematics teaching methods				
<b>Additional Requirements:</b>				
<p>A major in mathematics, or the equivalent in undergraduate and/or graduate coursework in mathematics. <b>(The equivalent of a major is defined as at least 30 credits, at least nine (9) of which shall be advanced undergraduate courses or higher.)</b></p> <p>A minimum of a practicum, or the equivalent, at the middle/secondary (7-12) level in science, social studies, English, or math. (A practicum is defined as a minimum of sixty hours of supervised field experience.)</p>				