

Name \_\_\_\_\_

**Master of Arts in Teaching (MAT) Math Content Area Requirements**

**Directions**

Please complete the form below. If you are not a graduate of Colorado College, but your course is essentially the same (i.e., Number Theory), then simply list the date in which you completed the course and the grade received. If your course is similar, but not quite the same in title then list the equivalent course from your transcript(s) in the appropriate location for each content area. Feel free to consult the Colorado College course catalogue to aid you in your assessment (<http://www.coloradocollege.edu/academics/catalog/>).

You may complete up to two requirements during the first summer of the MAT program (consult with the Education Services Manager for available courses). For any course in progress or yet to be completed, please indicated the date in which you anticipate completing the required course.

**Number Systems, Number Theory, Algebra (3 units\*)**

<i>(Three of the following)</i>	Date Completed	Grade
MA220 Linear Algebra		
MA251 Number Theory		
MA321 Abstract Algebra		
MA375 Mathematical Analysis I		
<i>Or equivalent:</i>		
<i>Or equivalent:</i>		
<i>Or equivalent:</i>		

**Calculus (3 units)**

<i>(All of the following)</i>	Date Completed	Grade
MA126 Calculus I		
MA128 Calculus 2		
MA203 Calculus 3		

**Geometry (1 unit)**

<i>(All of the following)</i>	Date Completed	Grade
MA300 Geometry		
<i>Or equivalent:</i>		

**Statistics and Probability (1 unit)**

<i>(One of the following)</i>	Date Completed	Grade
MA117 Probability and Statistics		
MA417 Mathematical Statistics		
<i>Or equivalent:</i>		

**Mathematical Modeling or History of Mathematics (1 unit)**

<i>(One of the following)</i>	Date Completed	Grade
MA217 Probability and Statistical Modeling		
MA408 History of Mathematics		
<i>Or equivalent:</i>		

**Advanced Courses (1 unit)**

<i>(One of the following)</i>	Date Completed	Grade
MA316 Partial Differential Equations		
MA318 Numerical Analysis		
MA322 Abstract Algebra 2		
MA376 Mathematical Analysis 2		
<i>Or equivalent:</i>		

\*A Colorado College "unit" is equivalent to four semester hours. Depending on your college or university, some natural science courses are three, four, or five semester hours. Generally lab-based courses are four or five semester hours at most colleges and universities.