

Name _____

Math Content Area Requirements

Directions

Please complete the form below. If you attended a school other than 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/>).

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.**