*Content Area Prerequisites Course Equivalents*

**Number** M108 **Credits** 3

**Course Title** Mathematical Concepts I: Systems

**Description** This course includes concepts essential to mathematics and is required for elementary education majors. Topics include: set theory, numbers and numeration, operations, number theory, rational numbers, and problem solving.

**Number Course Title Distance Credits School**

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| MATH 1050 | Mathematics for Elementary Teachers I | Traditional | 3 | Normandale Community College |
| MATH 1031 | Math for Elementary Education I | Traditional | 3 | North Hennepin Community |
| MATH 1120 | Mathematics for Elementary Teachers I | Traditional | 3 | Anoka Ramsey Community College |
| MATH 1100 | Mathematics for Liberal Arts | Traditional | 3 | Anoka Ramsey Community College |
| MATH 106 | Math for Elementary Teachers | Traditional | 4 | Metropolitan State University |
| MATH 1105 | Math for Elementary Education I | Traditional | 3 | Inver Hills Community College |
| MATH 1111 | Contemp Concepts in Mathematics | Traditional | 3 | Rochester Community & Technical |
| MATH 1112 | Mathematical Reasoning | Traditional | 3 | Rochester Community & Technical |
| MATH 4113 | Topics in Elementary Mathematics I | Traditional | 4 | University of Minnesota |
| MATH 3113 | Topics in Elementary Mathematics I | Traditional | 4 | University of Minnesota |
| MATH 1009 | Mathematics for Prospective Elementary | Distance | 3 | Louisiana State University |
| MTH 125 | Mathematics for Elementary Teachers | Traditional | 4 | University of Wisconsin LaCrosse |
| MTED 125 | Mathematics for Elementary Teachers | Traditional | 4 | Winona State University |
| MATH 1020 | Mathematics for Liberal Arts | Traditional | 3 | Normandale Community College |
| MATH 330 | Mathematics for Elementary Teachers | Traditional | 3 | St. Cloud State University |
| 22M:012:GW | Theory of Arithmetic | Distance | 3 | University of Iowa |
| MATH 120 | Calculus I | Traditional |  | St. Olaf College |
| MATS 1200 | Concepts in Mathematics | Both | 3 | Dakota County Technical College |
| MATH 1000 | Applied Mathematics | Traditional | 2 | South Central Technical College |
| MATH 246 | Math for Elementary Teachers I | Traditional | 4 | University of Wisconsin River Falls |
| MAT 156 | Mathematics for Elementary Teachers I | Distance | 3 | Rio Salado College |
| MATH 1105 | Principles of Mathematics | Distance | 3 | Lake Superior College |
| MATH 1160 | Mathematical Ideas | Traditional | 4 | Minneapolis Community Technical |
| 13-130-1 | Math for Elem. School Teachers | Distance | 3 | Lewis University |
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