

**Basic/Foundational Mathematics Content Mastery**

**Evidence of Content Mastery for Requested Authorization Level and/or Endorsement Area**

Authorization Level: Middle School

The Standard/Outcomes matrix is based on the following State and/or National Standards:

National Council of Teachers of Mathematics, Grades 5-8

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_

\*\* **3.0 accumulative GPA preferred** on all coursework used to fulfill the 37 credits of content mastery requirements. All content mastery courses must be taken on the A-F grading basis; **no courses can earn P/N or S/U. No grades below a C-**

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| --- | --- | --- | --- | --- | --- |
| **Standard/Outcome** | **OSU courses that satisfy standard** | **Course** | **Credits** | **Term** | **Grade** |
| **WIC choose one course** | **MTH** 323, 333, 328 |  |  |  |  |
| **Standard 1:** Algebra/Trigonometry  **4 credits** | **MTH** 112\* |  |  |  |  |
| **Standard 2:** Calculus  **4 credits** | **MTH** 241\* or  **MTH** 251\* |  |  |  |  |
| **Standard 3:** Foundations of Elementary Mathematics: Arithmetic, Algebra, Geometry, and Problem Solving  **12 credits** | **MTH** 211\*, 212, and 390 |  |  |  |  |
| **Standard 4:**  Statistics and Probability  **8 credits** | **ST** 201 and 202 |  |  |  |  |
| **Standard 5:** Math Electives  **6 credits minimum** | **MTH** 245\*, 252, 341 and any **ST** course |  |  |  |  |
| **Standard 6:** Mathematics Education  **3 credits** | **SED** 414 (Elementary or Secondary Section) |  |  |  |  |

\*Baccalaureate Core Course



If you have questions about this form or the Basic Mathematics endorsement, please contact College of Education Student Services, 104 Furman Hall, 541-737-4661.