

# Course Schedule EDUC 4403-101

# Teaching Math Methods- Fall 2025

| <i>Week &amp; Dates</i> | <i>Monday Class Topics</i>                                                                                                                                                                                    | <i>Wednesday Class Topics</i>                                                                                                                                                                       | <i>Reading and Assignments</i>                                                                                                                |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Week 1<br>Aug 25- 27    | Class @ 12:00pm -BH 308<br>First day stuff <ul style="list-style-type: none"> <li>● Getting to each other</li> <li>● Syllabus Discussion</li> <li>● Mathematical Vocabulary</li> </ul>                        | TBA<br><i>First 15 days of experience</i> <ul style="list-style-type: none"> <li>● Class @ MSU campus (Bridwell Hall 308)</li> </ul>                                                                | <b>Readings:</b> Syllabus uploaded on D2L                                                                                                     |
| Week 2<br>Sept 1-3      | <b><i>Holiday (Labor day)</i></b>                                                                                                                                                                             | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>● Math and Technology</li> <li>● Mathematics Standards</li> <li>● Instructional Strategies Presentation Discussion</li> </ul>        | <b>Readings:</b> Documents uploaded on D2L<br><br><b>Assignment Due:</b> Math Metaphor Due - Sept 8 <sup>th</sup> -11:59pm                    |
| Week 3<br>Sept 8-10     | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>● Vertical Alignment</li> <li>● Lesson Planning Continues</li> </ul>                                                                           | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>● Vertical Alignment Revisited</li> <li>● Reasoning and Proof</li> <li>● Noticing Framework</li> </ul>                               | <b>Readings:</b> Documents uploaded on D2L<br><br><b>Assignment Due:</b> Technology Introduction Assignment - Sept 14 <sup>th</sup> – 11:59pm |
| Week 4<br>Sept 15-17    | Field @Burgess Elementary<br>8:00-2:20pm                                                                                                                                                                      | Field @Burgess Elementary<br>8:00-2:20pm                                                                                                                                                            | <b><i>Enjoy your first week in the field 😊</i></b><br><b><i>Best of Luck!</i></b>                                                             |
| Week 5<br>Sept 22-24    | Field @Burgess Elementary<br>8:00-2:20pm                                                                                                                                                                      | Field @Burgess Elementary<br>8:00-2:20pm                                                                                                                                                            | <b>Readings:</b> Documents uploaded on D2L<br><br><b>Assignment Due:</b> Vertical Alignment - Sept 28 <sup>th</sup> -11:59pm                  |
| Week 6<br>Sept 29-Oct 1 | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>● Instructional Strategy – Student Presentations</li> <li>● Early Number Sense</li> <li>● Place Value</li> <li>● Making Connections</li> </ul> | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>● Instructional Strategy – Student Presentations</li> <li>● Use of Manipulatives and Fractions</li> <li>● Representations</li> </ul> | <b>Assignment Due:</b> Presentations (Instructional Strategy -1) due in class!                                                                |
| Week 7<br>Oct 6-8       | Field @Burgess Elementary<br>8:00-2:20pm                                                                                                                                                                      | Field @Burgess Elementary<br>8:00-2:20pm                                                                                                                                                            | <b>Assignment Due:</b> Reflection -1 Due - Oct 12 <sup>th</sup> – 11:59pm                                                                     |
|                         | TBA – Parent-Teacher Conferences @WFISD                                                                                                                                                                       | Field @Burgess Elementary                                                                                                                                                                           | <b>Readings:</b> Documents uploaded on D2L                                                                                                    |

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| <i>Week &amp; Dates</i> | <i>Monday Class Topics</i>                                                                                                                                          | <i>Wednesday Class Topics</i>                                                                                              | <i>Reading and Assignments</i>                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Week 8<br>Oct 13-15     | STEAM Bus visit to campus                                                                                                                                           | 8:00-2:20pm                                                                                                                | <b>Assignment Due:</b> Oct 19 <sup>th</sup><br>Unit Plan Part 1 Due for all                                                                                                  |
| Week 9<br>Oct 20-22     | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>• Interdisciplinary Teaching</li> <li>• Multicultural literature</li> <li>• Connections</li> </ul>   | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>• Instructional Strategy – Student Presentations</li> </ul> | <b>Assignment Due:</b> Instructional Strategy Presentation -2 in class<br><br>Math Lesson Plan and Reflection as applicable ( <i>due date depends on your teaching day</i> ) |
| Week 10<br>Oct 27-29    | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>• Measurement</li> <li>• Problem Solving</li> </ul>                                                  | Field @Burgess Elementary<br>8:00-2:20pm (Math Observations)                                                               | <b>Assignment Due:</b> Reflection -2 Due – Nov 2 <sup>nd</sup> -11:59pm<br><br>Math Lesson Plan Due as applicable ( <i>due date depends on your teaching day</i> )           |
| Week 11<br>Nov 3-5      | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>• Unit Planning</li> </ul>                                                                           | Field @Burgess Elementary<br>8:00-2:20pm                                                                                   | <i>No assignments due this week</i>                                                                                                                                          |
| Week 12<br>Nov 10-12    | Field @Burgess Elementary<br>8:00-2:20pm                                                                                                                            | Field @Burgess Elementary<br>8:00-2:20pm                                                                                   | <b>Assignment Due:</b> Nov 16 <sup>th</sup><br>Unit Plan Part 2 Due for all                                                                                                  |
| Week 13<br>Nov 17-19    | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>• Reasoning and Sense Making</li> <li>• Algebraic Concepts</li> </ul>                                | <b>Student Mini Teaching</b>                                                                                               | <b>Assignment Due:</b> Cultural Relevant Math Task Presentations in class!                                                                                                   |
| Week 14<br>Nov 24-26    | <b>WFISD Holiday</b><br><i>Unit Planning – TBA</i><br><i>Professional development</i>                                                                               | <b>THANKSGIVING BREAK</b>                                                                                                  | Enjoy the Holiday 😊                                                                                                                                                          |
| Week 15<br>Dec 1-2      | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>• Geometry and Spatial Reasoning</li> <li>• Representations</li> <li>• Making Connections</li> </ul> | Class @ 12:00pm -BH 308 <ul style="list-style-type: none"> <li>• Final Exam</li> <li>• Course Wrap-Up</li> </ul>           | <b>Assignment Due:</b> Final Exam Due in-class!                                                                                                                              |

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|-------------------------|----------------------------|------------------------------------------------------|--------------------------------|
|                         |                            |                                                      |                                |
| Week 16<br>Dec 8 -10    | Final Exam Week            | <b>Unit Plan Due – Dec 10<sup>th</sup> – 11:30pm</b> | Final Exam Week                |

Disclaimer Notice: Changes in the course syllabus, procedure, assignments, and schedule may be made at the discretion of the instructor to meet the needs of the class appropriately. *All assignments are due on **SUNDAY by 11:59pm***