

**Course Schedule EDUC 4043**

**Teaching Math Methods**

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 **MONDAY** each of following week **by 11:30pm***

<i>Week &amp; Dates</i>	<i>Monday Class Topics</i>	<i>Wednesday Class Topics</i>	<i>Reading and Assignments</i>
Week 1 Aug 22 – 28	<b>Class @ BH 308</b>  <b>First day stuff</b> <ul style="list-style-type: none"> <li>● Getting to each other</li> <li>● Syllabus Discussion</li> <li>● Mathematical Vocabulary</li> </ul>	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>● Syllabus Discussion revisited</li> <li>● Mathematics Standards</li> <li>● Technology in the classroom</li> </ul>	Syllabus Ch 1 and 2  <b>Assignment Due:</b> 8/29 Technology Introduction Assignment
Week 2 Aug 29 – Sept 4	Field 8:00-2:20pm	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>● Math and Technology</li> <li>● Technology in the classroom</li> <li>● Ch 2 and 3 - Problem Solving</li> <li>● Vertical Alignment</li> </ul>	Ch 2 and 3  <b>Assignment Due:</b> 9/5 Technology Lesson
Week 3 Sept 5 – 11	<b>HOLIDAY (Labor Day)</b>	Field 8:00-2:20pm	<b>Assignment Due:</b> 9/12 Vertical Alignment Assignment
Week 4 Sept 12 – 18	Field 8:00-2:20pm	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>● Instructional Strategy – Student Presentation 5 min</li> <li>● Lesson Planning</li> <li>● Assessments (Backward Planning)</li> <li>● Standards</li> <li>● Differentiation and modifications Intro</li> <li>● Early Number Sense</li> </ul>	Ch 5  Assignment Due: NONE
Week 5 Sept 19 – 25	Field 8:00-2:20pm	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>● Instructional Strategy – Student Presentation 5 min</li> </ul>	Ch 6, 7  <b>Assignment Due:</b> 9/26 Quiz #1

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		<ul style="list-style-type: none"> <li>• Early Number Sense cont</li> <li>• Rights of learner</li> <li>• Place Value</li> <li>• Noticing Framework</li> </ul>	
Week 6 Sept 26 – Oct 2	Field 8:00-2:20pm	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>• Instructional Strategy – Student Presentation 5 min</li> <li>• Assessments again- Data analysis</li> <li>• Reading Data from Assessments</li> <li>• Notice &amp; Wonder</li> </ul>	Documents uploaded to D2L  <b>Assignment Due:</b> 10/3 Data Analysis
Week 7 Oct 3 – 9	Field 8:00-2:20pm	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>• Instructional Strategy – Student Presentation 5 min</li> <li>• Interdisciplinary Teaching</li> <li>• Multicultural literature</li> </ul>	Reference: Ch 6  <b>Assignment Due:</b> 10/10 Notice and Wonder
Week 8 Oct 10 – 16	Field 8:00-2:20pm <i>Parent Teacher Conferences</i> <i>Lesson planning Time</i> <i>Work time for Group Presentations</i>	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>• Instructional Strategy – Student Presentation 5 min</li> <li>• Fractions</li> </ul>	Ch 14, 15  <b>Assignment Due:</b> 10/17 Fraction Assignment
Week 9 Oct 17 – 23	Field 8:00-2:20pm	<b>Class @ BH 308</b> <ul style="list-style-type: none"> <li>• Instructional Strategy – Student Presentation 5 min</li> <li>• Station Activity</li> </ul>	Documents in D2L  <b>Assignment Due:</b> 10/24 Station Assignment
Week 10 Oct 24 – 30	Field 8:00-2:20pm	Field 8:00-2:20pm	<b>Assignment Due:</b> 10/31 Quiz #2

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Week 11 Oct 31 – Nov 6	Field 8:00-2:20pm	<b>Class @ BH 308</b>  <b>Multicultural presentations</b>	<b>Assignment Due:</b> Multicultural Presentations
Week 12 Nov 7 – 13	Field 8:00-2:20pm	Field 8:00-2:20pm  Equity in Math classroom	Video in D2L  Assignment Due: NONE
Week 13 Nov 14 – 20	Field 8:00-2:20pm	Field 8:00-2:20pm  Equity in Math classroom	<b>Assignment Due:</b> 11/21 3-2-1 Video Response
Week 14 Nov 21 – 27	<b>Class</b>  <i>Professional Development</i>	<b>THANKSGIVING BREAK</b>	Assignment Due: NONE
Week 15 Nov 28 – Dec 2	<b>Class @ BH 308</b>  <ul style="list-style-type: none"> <li>● Instructional Strategy – Student Presentation 5 min</li> <li>● Algebraic Thinking</li> <li>● Measurement</li> <li>● Geometric Concepts</li> <li>● Wrap Up</li> <li>● Course Documentation</li> </ul>	<b>Class @ BH 308</b>  <b>Finals Part 1 Presentations</b>	Ch 13, 18, 19  <b>Assignment Due:</b> Final Exam Part 1 In-Class (Presentation)
Week 16 Dec 5 – 9	<b>FINALS WEEK</b>	<b>FINALS WEEK</b>	<b>Assignment Due:</b> 12/5 Final Exam Part 2 and 3