

## EMAT 3410 – Mathematics Teaching &amp; Curriculum PreK-5

**Overview:** This course will concentrate on data analysis, money, fractions, decimals, geometry, measurement, and time. We will also work on translating the ideas about children's mathematical thinking from EMAT 3400 to small group and whole class settings.

**Required Course Materials:**

1. Course Text: *About Teaching Mathematics: A K-8 Resource* 2<sup>nd</sup> Edition by Marilyn Burns Publisher: Math Solutions Publications; 2<sup>nd</sup> edition (August 2000).

ISBN-10: 094135525X

ISBN-13: 978-0941355254

2. You are responsible for going to the Georgia Department of Education website (<http://www.georgiastandards.org/math.asp>) and printing a complete copy of the Georgia Performance Standards for grades K-5 and the Executive Summary. I will provide photocopies of other articles or materials that we will read for class.
3. You will also need a notebook for the lesson reflections that you will be using throughout this course. Please use a one-subject, spiral bound notebook with your name clearly written on the front.
4. It is also suggested that you use a 3-ring binder divided into sections corresponding to the different units that we will be covering.

**Attendance:** Attendance and participation are essential in this class, both for you to learn and so that others may benefit from your input. You are responsible for all announcements made in class, even if you are not there. It is important that you arrive promptly. Absences and tardiness will affect your professionalism grade. Any exceptions to attendance and punctuality should be discussed with me in advance.

**Assignments:** I will try to make the purpose of each assignment clear. If you have questions about the purpose of the assignment or what is expected of you, please ask. Late assignments will be assessed a penalty of 10% of the grade unless there are extenuating circumstances that are discussed with me in advance. *You are expected to demonstrate correct use of the English language with regard to grammar, punctuation, and spelling.* I do grade on technical writing skills as well as content. Please proofread your work before turning it in to me. Written work will be assessed on the quality of your writing as well as your interpretation and understanding of course content. All assignments must be typed – assignments that are not typed will be returned without a grade.

**Course grades:** Grades will be based on total points earned and a 90-80-70-60 scale will be used to assign final grades. Grades will be based on the following:

Assignments : 240 points

Professionalism: 60 points

Total: 300 points

**Professionalism:** Your grade for professionalism will be based on arriving on time, being prepared for class (having read the assigned lessons), class participation (which includes both your contributions and your reactions to the contributions of others), your response to constructive feedback in the classroom and on written work, completing lesson reflections/journal assignments, and exhibiting a professional demeanor (language, attitude) toward others.

**University policies:** All university policies with regard to withdrawals, academic honesty, etc. will be strictly followed. It is your responsibility to be familiar with these policies. All academic work must meet the standards contained in “A Culture of Honest.” Each student is responsible to inform themselves about those standards before performing any academic work.