

EMAT 8990 Spring 2001 Syllabus  
**Rethinking Mathematics Education from a Critical Pedagogy Perspective**

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<b>Class Time</b>	Thursdays, 5:00 – 6:00 pm	
<b>Room</b>	Aderhold Hall room 102	
<b>Website</b>	<a href="http://jwilson.coe.uga.edu/EMT899/CP/spr01.html">http://jwilson.coe.uga.edu/EMT899/CP/spr01.html</a>	

### **Seminar Goals**

*Seminar participants will:*

1. explore one's own beliefs about education with the purpose of developing a definition of public education
2. define the role of mathematics education in this constructed definition of public education
3. understand the tenets of critical pedagogy
4. examine current school structures and practices and their impact on their participants
5. move towards action in creating a sustained community in the form of an ongoing publication

### **Seminar Requirements**

1. Attend 12 sessions out of 15 to obtain S/U credit.
2. Each week, read assigned article. Write briefly about the article in which you point to passages that:
  - identify the key points of the article
  - you strongly agree or disagree with, (or question)
  - inform the practice of mathematics education, both immediate and long-term
3. Locate one article and write a one-page review, due at the Week 4 (February 1) meeting along with a copy of the article. The article can be from a journal or can be a chapter in a book. In your review, provide:
  - APA citation
  - identification of the thesis
  - a summary, and
  - personal statements about your selection.
4. Lead a discussion your selected article. As the moderator, create and manage an environment in which individuals' interpretations and connections to mathematics education are valued and sought. Ensure contributions from all involved.
5. Prepare some sort of closing, reflective paper in response to the seminar title to submit and share in the final week of the course.

### **Seminar Environment**

The level of intellectual dialogue and discourse on sensitive topics that the goals of the seminar demand requires that each of the seminar participants maintain a level of respect for all ideas. Together, we want to create a climate of trust, honesty, respect, and openness. The following concepts will be maintained throughout the seminar:

- political correctness is not the goal
- no one is an expert
- conflict of interpretations or ideas is desired; question others and expect questions of your assumptions, language, and meaning
- respect for each person's sorting out of their ideas
- confidentiality is maintained

### **Seminar Artifacts**

1. Each participant will possess a collection of articles.
2. As a working group, we will generate an annotated bibliography of these articles.
3. Those interested will develop a more concrete plan of action towards some form of publication.