ECEM 130 SYLLABUS

--- tentative ---

Meeting	Topic
1. W 4/08	Introduction and Overview
2. M 4/13	What is Math? What math do you not understand?
3. W 4/15	What is math to a young child? Learning through play.
4. M 4/20	NCTM Standards -- Principles
5. W 4/22	NCTM Standards -- Content and Process
6. M 4/27	What are Numbers?
7. W 4/29	Number sense in children
8. M 5/04	Problem solving with arithmetic
9. W 5/06	What is Measurement? Exploring quantity
10. M 5/11	Teaching measurement, estimation, and comparison
11. W 5/13	Using instruments and measurement technology
12. M 5/18	What are Patterns?
13. W 5/20	Sorting and classifying
--. M 5/25	HOLIDAY
14. W 5/27	Teaching relationships and ordering
15. M 6/01	What is Geometry?
16. W 6/03	Teaching shape and space
17. M 6/08	What is Reasoning? Teaching inquiry and autonomy
18. W 6/10	What is Data?
19. M 6/15	Gathering and analyzing data
20. W 6/17	Displaying data and making predictions
21. M 6/22	Using computers, calculators and computational technology
22. W 6/24	Course summary