



DEPARTMENT OF HUMAN SERVICES

COURSE OUTLINE – FALL 2010

CD 2050: Science, & Social Knowledge

TUESDAY/THURSDAY 9:00-11:20 A.M. – B 302

INSTRUCTOR: Andrea Wilkinson **PHONE:** Office (780) 539-2708
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OFFICE

HOURS: as posted and by appointment

PREREQUISITE(S)/COREQUISITE:

Completion of first year OR permission of department

REQUIRED TEXT/RESOURCE MATERIALS:

Worth, K., & Grollman, S. (2003). *Worms, shadows, and whirlpools: Science in the early childhood classroom*. Washington, DC: National Association for the Education of Young Children.

Canadian Child Care Federation (2010). *Foundations for numeracy: An evidence-based toolkit for early learning practitioners*. Toronto: CCCF and CL/CLRN.

**There may be additional costs incurred for photocopying and materials for presentation assignments

CALENDAR DESCRIPTION:

The focus of this course is understanding families and developing an awareness of the challenges they may face. This course will examine the diversity of families, various critical issues confronting families, including their effects on children, and the role of the early childhood professional in supporting children and their families.

CREDIT/CONTACT HOURS: 45

DELIVERY MODE(S):

Lectures, guest speakers, in and out-of-class activities and assignments.

OBJECTIVES:

On successful completion of this course, you should be able to:

1. describe young children's development of physical, social, and logical mathematical knowledge
2. use a developmentally appropriate approach to plan a variety of experiences that will facilitate the child's development of physical, social, and logical mathematical knowledge

TRANSFERABILITY:

Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability. Degree opportunity for diploma graduates is discussed on Page 100 of the college calendar.

GRADING CRITERIA:

A final grade of D must be obtained to pass this course. Final grades will be based on Assignments and In-Class Participation. Your grades may be accessed on Moodle throughout the semester.

Final grades will be based on the following 4-point system:

Alpha Grade	4-point Equivalence	Percentage
A+	4.0	90-100
A	4.0	85-89
A-	3.7	80-84
B+	3.3	76-79
B	3.0	73-75
B-	2.7	70-72
C+	2.3	67-69
C	2.0	64-66
C-	1.7	60-63
D+	1.3	55-59
D	1.0	50-54
F	0.0	0-49

EXAMINATIONS:

There are not any formal examinations in this course.

STUDENT RESPONSIBILITIES:

College expects students' conduct to be in accordance with basic rights and responsibilities. Please refer to page 47 of the GPRC College calendar regarding rights and responsibilities.

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

COURSE SCHEDULE/TENTATIVE TIMELINE:

This schedule is **TENTATIVE** and may change based on your needs or mine. Changes to the schedule will be discussed with you in class. Moodle for this course has all assignments posted, and information for portions of the course.

Date	Topic	Readings/A.V	Assignments
Sept. 2 Thurs	Introductions		TBD in 2 nd week of classes
Sept. 7 - 23	Math Concepts in Early Childhood Settings		
Sept. 28- Oct. 14	Science Concepts in Early Childhood Settings		
Oct. 19 - 28	Application of theory to practice for Math, Science, and Social Knowledge in Early Childhood Settings		