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Syllabus: PHYS-209 Physical Science Teacher Ed. - PHYS-SCIE-209 2006FW PTBO

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Section Information: PHYS-SCIE-209 2006FW PTBO

Course Name PHYS-209 Physical Science Teacher Ed.

Course description

Introduction This is a hands-on, lab course designed to meet the needs of future elementary teachers. We meet for a three hour session each class. We cover selected topics taken from or related to the Ontario Curriculum for grades 1-8 where basic concepts are often misunderstood; these may be taken from Light, Electricity, Motion, and Forces.

Additional information Course dates: September, 2006 through April, 2007
Location: SC305
Meeting times:

- Section A: Thursday 09:00 - 12:00
- Section B: Thursday 13:00-16:00
- Section C: Friday 09:00 - 12:00
- Section D: Friday 13:00-16:00

Prerequisite(s): None. Students majoring in a physical science or maths are excluded. It is assumed that all students plan to become elementary school teachers.

Course Worksheets (\$35)

Title [Powerful Ideas in Physical Science](#)

Author [American Association of Physics Teachers](#)

Additional information none

Type Required resource

Evaluation

Introduction Course activities include: daily hands-on lab exercises, worksheets and classroom participation; daily homework assignments; daily personal journal entries; essay style assignments; three quizzes; and a final exam.

Requirements Detailed weightings to be decided after the start of class. The following is approximately what previous classes have decided upon:

1/8 - Homework (drop lowest)
1/4 - Labs (drop lowest)
1/4 - Assignments (three)
1/8 - Quizzes (three)
3/16 - Final
1/16 - Participation/Journals

100 - Total

Note: departmental policy requires that a minimum of 35% must be obtained on the combined quiz and final exam components to pass this course. If not, a course grade of 45% is the maximum that can be assigned.

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