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Syllabus: PHYS-209 2008FW PTBO (Beda) - PHYS-SCIE-209 Physical Science Teacher Ed.

Section Information: PHYS-209 2008FW PTBO (Beda)

Course Name PHYS-SCIE-209 Physical Science Teacher Ed.

Evaluation

Introduction

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

Academic Dishonesty: Academic dishonesty, which includes plagiarism and cheating, is an extremely serious academic offense and carries penalties varying from failure in an assignment to suspension from the University. Definitions, penalties, and procedures for dealing with plagiarism and cheating are set out in Trent University's Academic Dishonesty Policy which is printed in the University Calendar and on the university web site at: http://www.trentu.ca/deansoffice/policies_dishonesty.php.

Requirements

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

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	- Journals

100	- Total

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.

Access to Instruction: It is Trent University's intent to create an inclusive

learning environment. If a student has a disability and/or health consideration and feels that he/she may need accommodations to succeed in this course, the student should contact the Disability Services Office (BL Suite 109; 748-1281; disabilityservices@trentu.ca, <http://www.trentu.ca/disabilityservices/>) as soon as possible.

Additional
information

Course dates: September 2008 through April 2009
Location: SC305
Meeting times:

- Section A: Friday: 09:00 - 12:00
- Section B: 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.

Section Instructor: Johann Beda

Johann Beda - jbeda@trentu.ca - SC318 - office hours by appointment

Course Worksheets (\$35)

Title: [Powerful Ideas in Physical Science](#)
Author: [American Association of Physics Teachers](#)

Section Instructor: Johann Beda

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