UBC Physics and Astronomy
Teaching Assistant Professional Development Workshop
September 2008

DAY 1

9:00 - 9:45	Introduction and hello from international TA	Who are we, and what is the purpose of this course
9:45 - 10:30	From Learning to Teaching	We will share our learning experiences and turn them into a philosophy of teaching.
10:30 - 10:45	Tea	
10:45 - 12:15	Problem Solving	We will learn the importance of using a problem solving method in teaching.
12:15 - 1:15	Lunch (provided)	
1:15 - 2:20	Teaching by Questioning	We will discuss techniques of interacting with our students to encourage them to develop their own knowledge.
2:20 - 2:30	Break	
2:30 - 3:15	Questioning - Theory & Practice	We will continue exploring methods to engage students in creating their own knowledge.
3:15 - 3:30	Afternoon Tea	
3:30 - 4:15	Working with Groups	We will look at ways of facilitating effective group work.

Homework Assignment: *Do the assigned reading, considering the attached questions. Make notes!*

DAY 2

9:00 - 10:15	Discussion of Reading Assignment	We will have a large-group discussion on Physics Research and the reading assignment led by Carl Wieman
10:15 - 10:30	Coffee	
10:30 - 11:30	Marking	We will learn how to be efficient markers.
11:30 - 11:45	Formative Evaluation	We will learn the importance of getting frequent and timely feedback from our students.
11:45 - 12:45	Lunch (provided)	
12:45 - 1:45	Introduction to the Lab	This hands-on module will reinforce the importance of appropriate preparation for our weekly teaching duties and allow us to reflect on the student experience of attending our labs.
1:45 - 2:00	Break	
2:00 - 3:00	Learning Goals and Running the Big Show	We will reflect on the contents of the workshop and how to use our new skills in the lab. Specific attention will be paid to what makes a successful introduction and conclusion.
3:00 - 3:15	Break	
3:15 - 4:00	Reinforcement and Wrap-up	

Further information and course materials available online:

www.physics.ubc.ca/~phas_ta/