

## Teaching and Learning Physics --- Final Class Survey

### The content of this class:

<u>Physics:</u>	Useful	somewhat useful	neutral	not so useful	hateful
<u>Edu. Readings:</u>	Useful	somewhat useful	neutral	not so useful	hateful
<u>Fieldwork</u>	Useful	somewhat useful	neutral	not so useful	hateful
<u>Homework (usefulness)</u>					
	<u>Useful</u>		<u>neutral</u>		<u>hateful</u>
Reading summary:	5	4	3	2	1
Content Problems (HRW) analysis:	5	4	3	2	1
Fieldnotes	5	4	3	2	1

### Structure of the Class

The amount of work for this class is

- i) Too little                  a little too little                  just right                  a little too much                  way too much
- ii) Less than others      a little less                  the same                  more than others      way more

### Specifics: please rate 5 – excellent - 3 neutral - 1 terrible

Class Sessions on / readings about:

- \_\_\_\_\_ Introduction / TIMSS / State of Affairs
- \_\_\_\_\_ Overview of Physics Education Research (Van Heuvelen /McDermott)
- \_\_\_\_\_ Phys Ed Reforms (McDermott Tutorials & Mazur Peer Instruction)
- \_\_\_\_\_ Constructivism (Redish, Posner) and Constructionism (Papert)
- \_\_\_\_\_ Knowledge in pieces (diSessa, Redish)
- \_\_\_\_\_ Situated Cognition (Brown).
- \_\_\_\_\_ Hidden Curriculum /Epistemology (Redish / Hammer)
- \_\_\_\_\_ Assessment (Redish)
- \_\_\_\_\_ Gender / Race (Steele / Sheibinger)
- \_\_\_\_\_ History / Progressivism: (Dewey / Benezet)
- \_\_\_\_\_ Social / Political / Econ (Mahajan/ Fish / Barlett)
- \_\_\_\_\_ Analogy (Podolefsky)
- \_\_\_\_\_ Representation (Kohl)

Homework Approaches:

- \_\_\_\_\_ Examining chapter problems (pre-assigned)
- \_\_\_\_\_ Designing homework problems
- \_\_\_\_\_ Order of Magnitude Problems
- \_\_\_\_\_ Summary of physics chapter
- \_\_\_\_\_ Summary of readings
- \_\_\_\_\_ Questions for readings.
- \_\_\_\_\_ Turning in a project proposal
- \_\_\_\_\_ Project Outline
- \_\_\_\_\_ Project Draft(s)
- \_\_\_\_\_ Final Project

	<u>Excellent</u>		<u>adequate</u>		<u>not enough</u>
I get enough feedback:	5	4	3	2	1
Accessibility of instructor	5	4	3	2	1
Opportunity to participate in class:	5	4	3	2	1

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How useful to me is this class:	extremely	somewhat	not at all	
How enjoyable is this class:	extremely	somewhat	not at all	
How much did you learn:	a great deal	something	nothing at all	
How much ownership did you have: (ie. how much say did you have on what happened):	a great deal	something	none	
I recommend this course to others:	enthusiastically	maybe	never	
The department should offers this course in the future:	they must	maybe	definitely not	
Are you considering becoming a teacher / educator:	Yes I'm already enrolled	very likely	possibly, probably not	never

Things I would like to definitely remain:

Things I would like to change

Other comments: (such as favorite and least favorite parts of class).