

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)
- _____ Comparing Constructivist approaches (Elby)
- _____ Situated Cognition (Brown).
- _____ Hidden Curriculum /Epistemology (Redish / Hammer)
- _____ Assessment (Redish)
- _____ Problem Solving (Finney / Mayer)
- _____ Gender / Race (Steele / Sheibinger)
- _____ History / Progressivism: (Dewey / Benezet)
- _____ Social / Political / Econ (Mahajan/ Fish / Barlett)
- _____ Technology (Perkins / Pollock)
- _____ Context (Finkelstein / Wilczek)

Homework Approaches:

- _____ Examining chapter problems (pre-assigned)
- _____ Selecting chapter problems for others
- _____ 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).