

**APPENDIX B:
Teaching and Learning Physics --- Mid Term Survey -08**

The content of this class:

<u>Physics:</u>	Useful (5)	somewhat useful	3.5	neutral	not so useful	(1)hateful
<u>Edu. Readings:</u>	Useful 4.8	somewhat useful		neutral	not so useful	hateful
<u>Fieldwork</u>	Useful 4.8	somewhat useful		neutral	not so useful	hateful

<u>Homework (usefulness)</u>		<u>excellent</u>		<u>neutral</u>		<u>negative</u>
Reading summary:		5 4.4	4	3	2	1
Content Problems (HRW) analysis:		5	4	3.1	2	1
Fieldnotes		5 4.7	4	3	2	1

Structure of the Class

The amount of work for this class is (lately):

a) Too little	a little too little	just right	3.7	a little too much	way too much
b) Less than others		the same	3.8	more than others	n/a

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

Class Sessions on / readings about: **(to be coded)**

- _____ 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).

Homework Approaches:

- _____ Examining chapter problems (pre-assigned)
- _____ Selecting chapter problems for others
- _____ Designing homework problems (not yet done)
- _____ Summary of physics chapter
- _____ Summary of readings
- _____ Questions for readings.

	<u>almost too much</u>		<u>adequate</u>		<u>not enough</u>	
I get enough feedback:	5	4.3	4	3	2	1
Accessibility of instructor	5	4.3	4	3	2	1
Opportunity to participate in class:	5	4.1	4	3	2	1

This class has been _____ useful to me: extremely(5) **4.9** somewhat
I am learning _____ in this class: a great deal **5.0** something not at all (1)
nothing at all

Things I would like to definitely remain:

to be transcribed

Things I would like to change

to be transcribed

Other comments:

to be transcribed (including: "class is life-changing (in a way)", "I use this class to improve my own learning in other classes", " in other classes [I'm] noticing teaching techniques", "I'm reading more carefully than I ever have before", "I'm loving this class", "Class is going well, I wish I had more time...", "Fieldwork is awesome", "Great class")