

In PHY138 this year we are trying some new ways to help you learn physics. Please take a couple of minutes to answer some questions about these innovations. For all questions that you answer, choose from 1 to 7 where:

1 means: totally useless

4 means: neutral

7 means: an invaluable aid to my learning

1. In-Class Questions: In class many times I asked the class a question and asked for a vote of what you thought was the correct answer. How useful were these questions?

1 2 3 4 5 6 7

2. Small Group Discussion: When there was disagreement on the right answer to an In-Class Question, often you broke up into small groups to discuss it. How useful were these small group discussions?

1 2 3 4 5 6 7

3. Demonstrations: Often we did demonstrations in class, sometimes in conjunction with In-Class Questions and small group discussions. In general, are demonstrations useful?

1 2 3 4 5 6 7

4. Flash Animations: Often we used Flash animations in class. In general, were these animations useful?

1 2 3 4 5 6 7

5. Pre-Class Quizzes: Almost every week you did a short quiz on the textbook readings for the next 2 classes. How useful were the Pre-Class Quizzes?

1 2 3 4 5 6 7

6. MP Problem Sets: Almost every week you did a problem set using *MasteringPhysics* software. How useful were the MP Problem Sets?

1 2 3 4 5 6 7

7. Written Homework: Although not an innovation but a traditional technique, almost every week you had a Written Homework Assignment. How useful were the Written Homework Assignments?

1 2 3 4 5 6 7

8. McDermott Tutorials: Three times this quarter you used materials from the green *Tutorials in Introductory Physics* workbooks. How useful were these tutorial activities?

1 2 3 4 5 6 7

9. Tablet PC: Instead of *PowerPoint*, the main content of the classes was delivered using the *Journal* program on a Tablet PC. **Compared to a *PowerPoint*-based class like BIO150**, how effective is this technology for your education?

1 2 3 4 5 6 7